97.00 (44)

2016045606 ORDINANCE $97.00
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Jennifer Hayden
HAMILTON County Recorder IN
Recorded as Presented

ORDINANCE NO. 52-08-16

AN ORDINANCE AMENDING THE UNIFIED DEVELOPMENT ORDINANCE OF THE CITY OF NOBLESVILLE, A PART OF THE COMPREHENSIVE MASTER PLAN FOR THE CITY OF NOBLESVILLE, HAMILTON COUNTY, INDIANA AND ADOPTION OF A PRELIMINARY DEVELOPMENT PLAN AND STANDARDS FOR THE "BOYS AND GIRLS CLUB OF NOBLESVILLE PLANNED DEVELOPMENT"

Document Cross Reference #2015003843

An Ordinance to amend the Unified Development Ordinance for the City of Noblesville, Hamilton County, Indiana (the "UDO") enacted by the City of Noblesville pursuant to its authority under the laws of the State of Indiana, IC 36-7-4 *et seq.*, as amended.

WHEREAS, the Plan Commission at its meeting on the 15th of August, 2016 sent its favorable recommendation for adoption to the Common Council of the City of Noblesville (the "Common Council") by a vote of 11 in favor and 0 opposed;

NOW, THEREFORE, be it ordained by the Common Council of the City of Noblesville, Hamilton County, Indiana, meeting in regular session, that the Unified Development Ordinance for said City and the Official Zone Map be hereby amended as follows:

Section 1. Applicability of The Boys and Girls Club of Noblesville PD Ordinance.

1.1 The subject property is located at 1700 Conner Street, Noblesville, Indiana and is legally described in the attached Exhibit A (the "Real Estate"). The Real Estate is located within the zoning jurisdiction of the City of Noblesville, Hamilton County, Indiana.

1.2 The zoning classification of the Real Estate is hereby rezoned to "PB/PD" Planned Business/Planned Development District classification as designated in the UDO.

1.3 The preliminary development plan, attached hereto as Exhibit B, is hereby adopted as part of The Boys and Girls Club of Noblesville PD Ordinance.

Section 2. Permitted Uses.

All uses allowed in the PB District are permitted as a part of the Ordinance, *excluding* the following uses: Penal or correctional facility, hotel or motel, adult cabaret, adult media store, adult motion picture theater, sex shop, automobile fuel station, automobile rental, automobile sales and service, automobile sales and repair (indoor), bar, tavern, lounge, nightclub, car wash, commercial kennel, drinking place, laundry/dry cleaner with on-site plant, laundry/dry cleaner without on-site plant, marine craft sale, repair and service, outdoor sales and display, personal care establishment, professional and technical services, restaurant (with drive thru), restaurant (without drive thru), restaurant drive in or drive thru (as primary use), rental nursery or greenhouse, retail sales, equipment repair and service (indoor), supply yard, warehousing and storage (indoor) and wholesale trade (indoor).

Section 3. Development Standards.

3.1 The applicable bulk requirements of Article 8: Zoning Districts and Part C: Commercial District of the UDO shall apply to the development of the Real Estate.

3.2 The applicable landscaping requirements of Article 12: Landscaping and Screening of the UDO shall apply to the development of the Real Estate

except as modified by the waiver requested in Exhibit D and Exhibit F – Tree Preservation and Landscaping Plan attached hereto.

3.3 The applicable lighting requirements of Article 13: Environmental Performance Standards of the UDO shall apply to the development of the Real Estate. The design of the lighting fixtures and poles are found in the attached Exhibit C – Light Fixtures and shall serve as the development standard under The Boys and Girls Club of Noblesville PD Ordinance. The maximum pole and base height shall be 25' feet. Building flood lighting is acceptable and encouraged as part of the overall project design of the Real Estate.

3.4 The applicable signing requirements of Article 11: Signs of the UDO shall apply to the development of the Real Estate.

3.5 The architectural elevations are attached hereto as Exhibit G – Perspective Elevations including materials and are adopted as part of The Boys and Girls Club of Noblesville PD Ordinance.

3.6 The applicable parking requirements of Article 10: Off-Street Parking and Loading of the UDO shall apply to the development of the Real Estate except as modified by the waiver request attached hereto and marked Exhibit D and Exhibit E – Parking Agreement.

Section 4. The Boys and Girls Club of Noblesville PD Ordinance and its exhibits approved by the Noblesville Plan Commission (collectively, the "PD Standards") identify and permit variations from the development standards, specifications, guidelines and/or requirements (collectively, the "Underlying Standards") contained in the UDO. The PD Standards supersede

the Standards in the UDO to the extent the PD Standards vary, alter or modify the Standards in the UDO. The Standards in the UDO, however, shall apply to the extent the PD Standards do not vary, alter or modify them.

Section 5. In accordance with Article 3, Part E, Section 2 of the UDO, the Director of Planning and Development or his/her designee, shall determine whether the Detailed Development Plan, including without limitation, the building elevations, site plans, landscape plans, signage elevations and locations and other requirements as per The Boys and Girls Club of Noblesville PD Ordinance or the City's UDO are in substantial compliance with the adopted Preliminary Development Plan that is approved by the Plan Commission and Council as a part of this Planned Development Ordinance.

Section 6. This Ordinance shall be in full force and effect from and upon its adoption and publication in accordance with the law.

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Section 7. Upon motion duly made and seconded, this Ordinance was fully passed by the members of the Noblesville Common Council on this 23rd day of August, 2016.

COMMON COUNCIL OF THE CITY OF NOBLESVILLE

AYE		NAY
	BRIAN AYER	
	MARK BOICE	
	WIL HAMPTON	
	CHRISTOPHER JENSEN	
	ROY JOHNSON	
	GREGORY P. O'CONNOR	
	MARY SUE ROWLAND	
	RICK L. TAYLOR	
	MEGAN G. WILES	

Approved and signed by the Mayor of the City of Noblesville, Hamilton County, Indiana, this 23rd day of August 2016.

JOHN DITSLEAR, MAYOR

ATTEST:

EVELYN L. LEES, CLERK

CITY OF NOBLESVILLE INCORPORATED MAY 6, 1887 SEAL INDIANA

I affirm under the penalties for perjury that I have taken reasonable care to redact each Social Security Number in this document unless required by law. Douglas Church

Prepared by: Douglas D. Church, Attorney at Law, Church, Church, Hittle + Antrim
2 North 9th Street, Noblesville, Indiana 46061 (317) 773-2190

EXHIBIT A

LOT NUMBERED ONE (1) IN THE SECONDARY PLAT BOY'S AND GIRL'S CLUB, A SUBDIVISION IN THE CITY OF NOBLESVILLE, HAMILTON COUNTY, INDIANA, AS PER PLAT THEREOF RECORDED IN PLAT CABINET 5, PAGES 307, AND AS INSTRUMENT NUMBER 2015003843, IN THE OFFICE OF THE RECORDER OF HAMILTON COUNTY, INDIANA.

More commonly known as: 1700 Conner Street, Noblesville, IN 46060

EXHIBIT A

LOT NUMBERED ONE (1) IN THE SECONDARY PLAT BOY'S AND GIRL'S CLUB, A SUBDIVISION IN THE CITY OF NOBLESVILLE, HAMILTON COUNTY, INDIANA, AS PER PLAT THEREOF RECORDED IN PLAT CABINET 5, PAGES 307, AND AS INSTRUMENT NUMBER 2015003843, IN THE OFFICE OF THE RECORDER OF HAMILTON COUNTY, INDIANA.

More commonly known as: 1700 Conner Street, Noblesville, IN 46060

EXHIBIT B

PRELIMINARY DEVELOPMENT PLANS FOR:

BOYS AND GIRLS CLUB OF NOBLESVILLE

1700 CONNER STREET
NOBLESVILLE, INDIANA 46060

DEVELOPMENT SUMMARY TABLE:

SITE INFORMATION:		
SITE ACREAGE:	6.67	ACRES
OPEN SPACE AREA:	3.10	ACRES
IMPERVIOUS LOT COVERAGE:	46.5%	
FLOOD PLAIN AND WETLANDS:	N/A	
DETENTION / INFILTRATION BASIN:	18,000	SF
BUILDING AREA:		
EXISTING BUILDING:	36,000	SF
PROPOSED ADDITION:	27,000	SF
FUTURE GYM ADDITION:	7,300	SF
FUTURE ADDITION:	6,300	SF
TOTAL BUILDING AREA COVERAGE:	76,600	SF

VERTICAL DATUM:

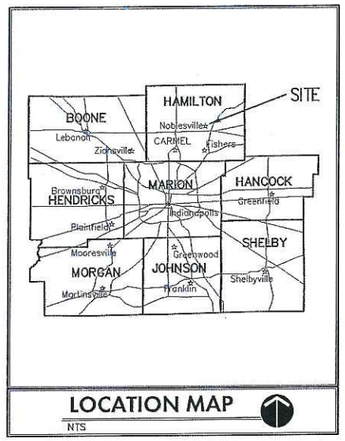
BENCH MARKS

ORIGIN B.M. - HM 18 AN ALUM. DISC STAMPED HAMILTON COUNTY SURVEYOR SECTION CORNER SET DOWN 10" IN A SLEEVED CASTING. ELEV.=770.15 (NAVD 88)

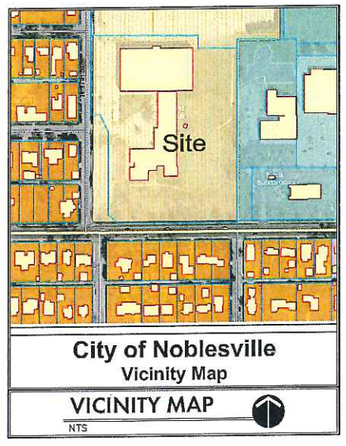
SITE T.B.M. - TOP OF 4"x4" CONC. R/W MON. AT N.E. COR. OF 17TH STREET & CONNER STREET. ELEV.=774.78

UTILITY STATEMENT:

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.



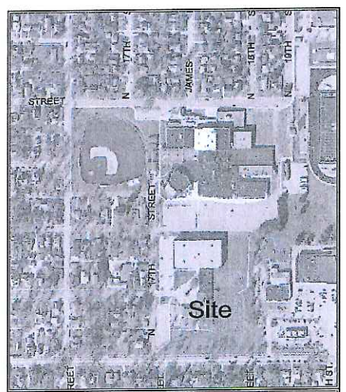
LOCATION MAP
NTS



City of Noblesville
Vicinity Map

VICINITY MAP
NTS

SOILS MAP
NTS



F.I.R.M. MAP
NTS

THE SUBJECT PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM AS PER SCALED INTERPRETATION OF FLOOD RATE MAP 18057C0142G AREA IN ZONE "X" MAP REVISED NOVEMBER 19, 2014

SHEET INDEX

Civil:

CIVIL ENGINEER

enverity ENGINEERING
9229 Delegates Row, Suite 150
Indianapolis, IN 46240
317.706.2075
www.enverityENG.com

SURVEYOR

Cripe
3939 Priority Way South Drive, Suite 200
Indianapolis, Indiana 46240
(317) 844-6777
E-Mail cripe@cripe.biz

- Architecture + Interiors
- Civil Engineering
- Survey + 3D Laser Scanning
- Energy + Facilities
- Equipment Planning
- Real Estate Services

OWNER

BOYS & GIRLS CLUB OF NOBLESVILLE
1448 CONNER STREET
NOBLESVILLE, IN 46060

GREAT FUTURES START HERE.
BOYS & GIRLS CLUB OF NOBLESVILLE

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Indianapolis, Indiana 46202
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Scope Drawings
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems. The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the contract. On the basis of the general scope indicated or described, the party contractor shall furnish all items required for the proper execution and completion of work.

DRAWN BY	DBH
CHECKED BY	RDM
DATE/ISSUED	08/01/2016

REVISIONS: #	DESCRIPTION	DATE

Owner:
Boys & Girls Club of Noblesville
1448 Conner Street
Noblesville, Indiana 46060
317 773-4372

Civil Engineer:
Enverity Engineering
9229 Delegates Row, Suite 150
Indianapolis, Indiana 46240
PH 317-706-2075

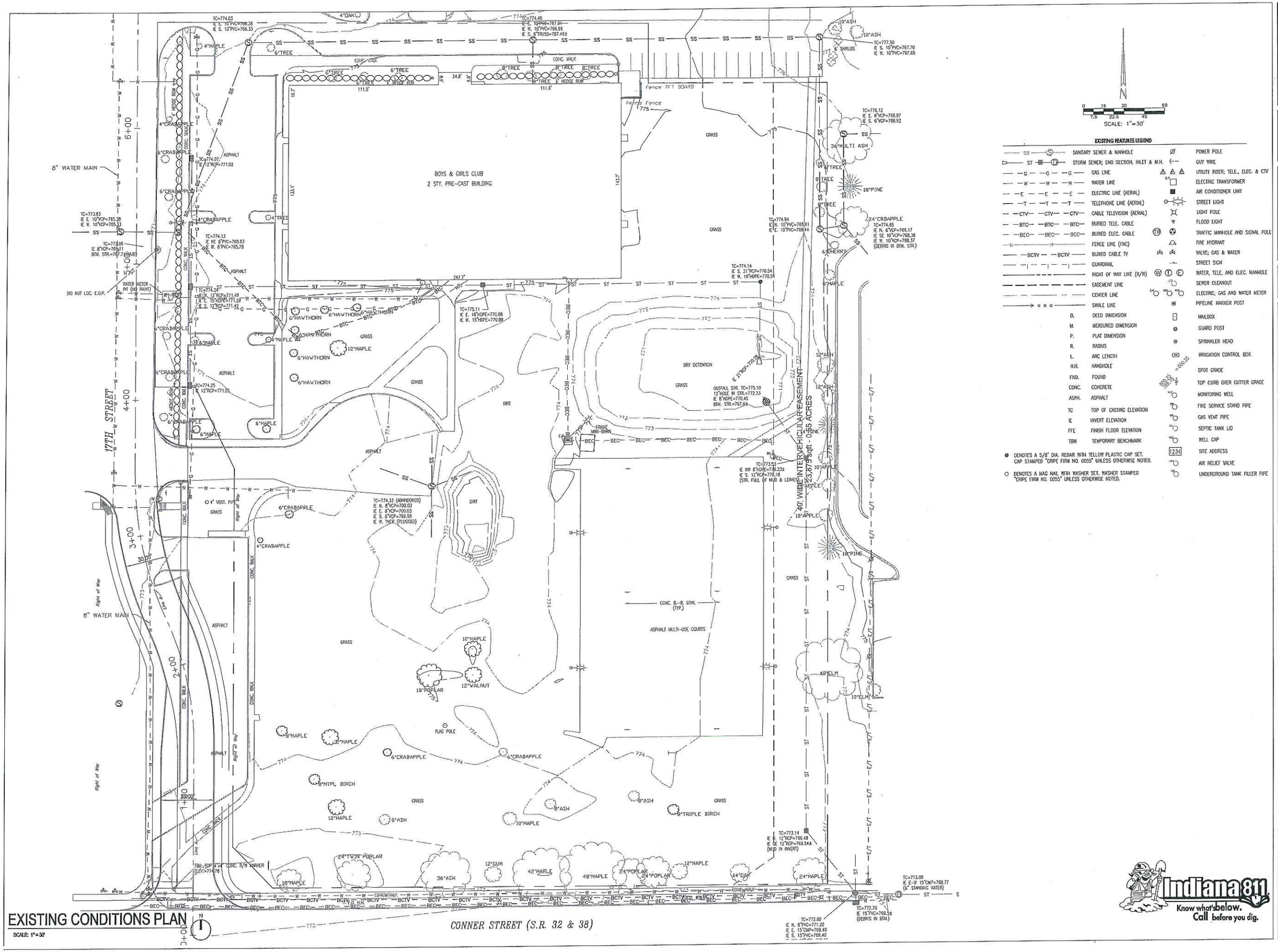
BOYS & GIRLS CLUB OF NOBLESVILLE
15028 - NEW CLUB ADDITION & GYM
150 N. 17TH STREET, NOBLESVILLE, INDIANA 46060

NOT FOR CONSTRUCTION

SITE COVER SHEET

C100

PROJECT NUMBER: 15028



EXISTING CONDITIONS PLAN

SCALE: 1"=30'

N

0 15 30 60
7.5 22.5 45

SCALE: 1"=30'

EXISTING FEATURES LEGEND

SS	SANITARY SEWER & MANHOLE	Ø	POWER POLE
ST	STORM SEWER; END SECTION, INLET & M.H.		GUY WIRE
G	GAS LINE		UTILITY RISER; TELE., ELEC. & CTV
W	WATER LINE	EX	ELECTRIC TRANSFORMER
E	ELECTRIC LINE (AERIAL)		AIR CONDITIONER UNIT
T	TELEPHONE LINE (AERIAL)		STREET LIGHT
CTV	CABLE TELEVISION (AERIAL)		LIGHT POLE
BTC	BURIED TELE. CABLE		FLOOD LIGHT
BEC	BURIED ELEC. CABLE	TF	TRAFFIC MANHOLE AND SIGNAL POLE
	FENCE LINE (TYP.)		FIRE HYDRANT
BCTV	BURIED CABLE TV		VALVE; GAS & WATER
	GUARDRAIL		STREET SIGN
	RIGHT OF WAY LINE (R/W)	W T E	WATER, TELE, AND ELEC. MANHOLE
	EASEMENT LINE		SEWER CLEANOUT
	CENTER LINE	EX	ELECTRIC, GAS AND WATER METER
	SWALE LINE		PIPELINE MARKER POST
D.	DEED DIMENSION		MAILBOX
M.	MEASURED DIMENSION		GUARD POST
P.	PLAT DIMENSION		SPRINKLER HEAD
R.	RADIUS		IRRIGATION CONTROL BOX
L.	ARC LENGTH		SPOT GRADE
H.H.	HANDHOLE		TOP CURB OVER GUTTER GRADE
FND.	FOUND		MONITORING WELL
CONC.	CONCRETE		FIRE SERVICE STAND PIPE
ASPH.	ASPHALT		GAS VENT PIPE
TC	TOP OF CASTING ELEVATION		SEPTIC TANK LID
IE	INVERT ELEVATION		WELL CAP
FFE	FINISH FLOOR ELEVATION	1234	SITE ADDRESS
TBM	TEMPORARY BENCHMARK		AIR RELIEF VALVE

● DENOTES A 5/8" DIA. REBAR WITH YELLOW PLASTIC CAP SET, CAP STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.

○ DENOTES A MAG NAIL WITH WASHER SET, WASHER STAMPED "CRIPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.

UNDERGROUND TANK FILLER PIPE

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317 773-4372

Civil Engineer:
Reverdy Engineering
9229 Delegates Row, Suite 150
Indianapolis, Indiana 46240
PH 317-706-2075

BOYS & GIRLS CLUB OF NOBLESVILLE

15028 - NEW CLUB ADDITION & GYM

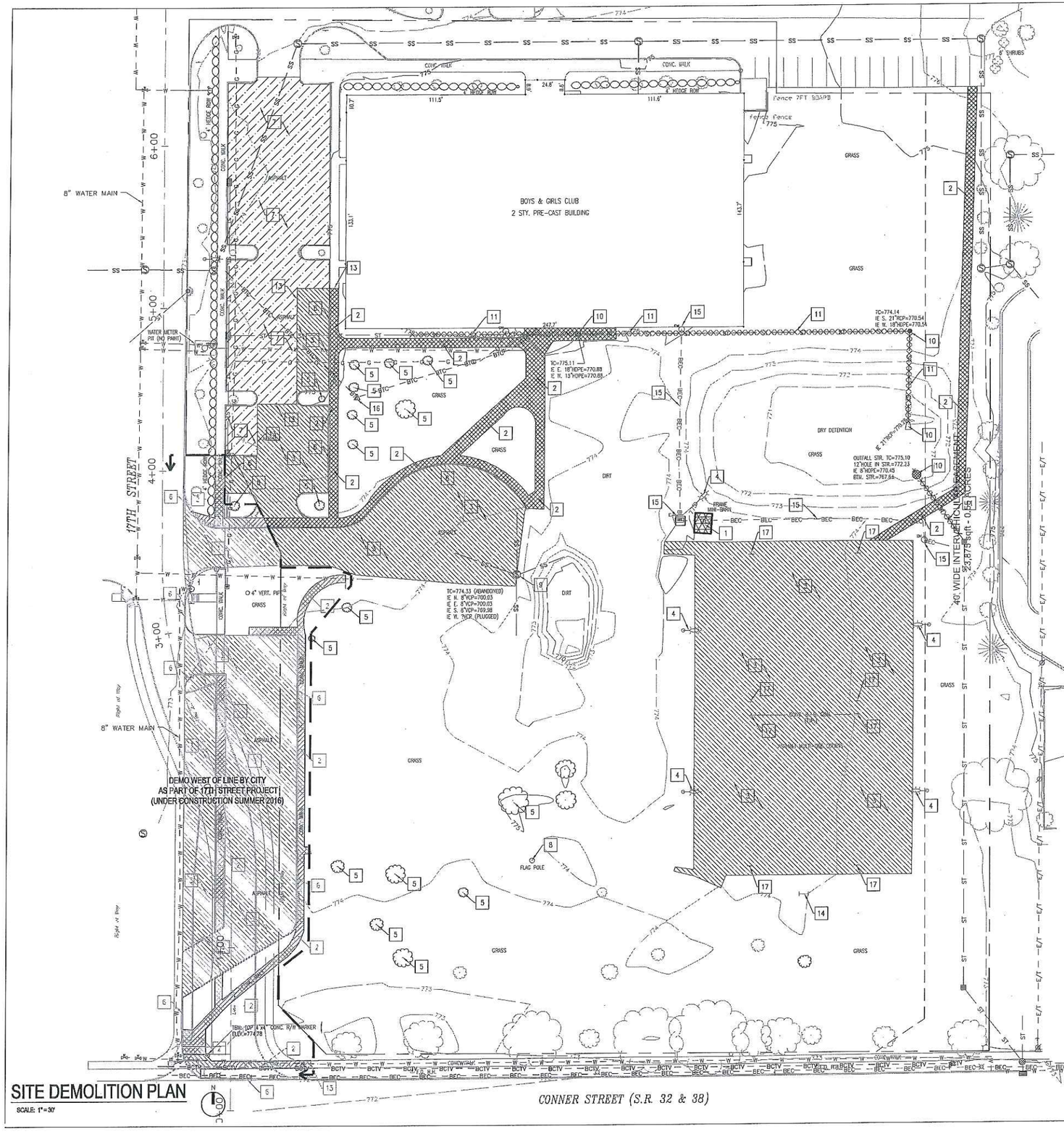
150 N. 17TH STREET, NOBLESVILLE, INDIANA 46060

NOT FOR CONSTRUCTION

EXISTING CONDITIONS PLAN

C101

PROJECT NUMBER: 15028



SITE DEMOLITION PLAN

SCALE: 1" = 30'

DEMOLITION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING OR VERIFYING THAT PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY OR STATE AGENCIES PRIOR TO STARTING ANY CONSTRUCTION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LOCAL AUTHORITIES STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL COORDINATE WORK WITH OTHER CONTRACTORS ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH THE RESPECTIVE UTILITY PROVIDERS PRIOR TO STARTING ANY CONSTRUCTION.
3. PROVIDE BARRIERS OR OTHER PROTECTION TO KEEP VEHICULAR AND PEDESTRIAN TRAFFIC FROM CONSTRUCTION AREA.
4. REMOVE ALL STRUCTURES, SUPPORT COLUMNS, FOOTINGS, ASPHALT PAVING, CONCRETE CURB, SIDEWALKS, CONCRETE PADS, TREES, STUMPS, HEDGES, UTILITIES, AND OTHER EXISTING SITE FEATURES WITHIN LIMITS OF DEMOLITION. ALL DEMOLITION MATERIALS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED AND DISPOSED OF IN A MANNER ACCEPTABLE TO THE LOCAL AUTHORITY HAVING JURISDICTION.
5. CALL "811", OR 1-800-382-5544, 72 HOURS PRIOR TO THE START OF ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING & LOCATING PRIVATE UTILITIES INSIDE AREA OF NEW CONSTRUCTION IF THOSE UTILITIES ARE NOT MARKED OR LOCATED BY "HOLEY MOLEY".
6. CONTRACTOR SHALL PROTECT ALL EXISTING AND NEW CONSTRUCTION FROM DAMAGE. SHOULD ANY DAMAGE OCCUR, CONTRACTOR SHALL MAKE ALL NECESSARY REPAIRS AT NO COST TO THE OWNER.
7. EXISTING UNDERGROUND UTILITIES ARE PLOTTED FROM ORIGINAL SITE DRAWINGS AND TOPOGRAPHIC SURVEY. EVERY ATTEMPT HAS BEEN MADE TO SHOW ALL UTILITY LINES WHERE THEY EXIST. CONTRACTOR SHALL TAKE EVERY PRECAUTION IN EXCAVATING FOR NEW UTILITIES SINCE ACTUAL UNDERGROUND UTILITIES MAY NOT BE AS SHOWN. CONTRACTOR SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH ALL UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY EXCAVATION AND VERIFY LOCATIONS AND DEPTHS OF ALL UTILITIES.
8. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO ADJACENT PROPERTIES AT ALL TIMES. ANY INTERRUPTION IN SERVICES MUST BE SCHEDULED WITH THE OWNER 48 HOURS PRIOR TO THE INTERRUPTION.
9. EXCEPT FOR THOSE UTILITIES NOTED TO BE PLUGGED OR REMOVED, RECONNECT ALL LINES ENCOUNTERED DURING CONSTRUCTION.
10. ALL CATCH BASIN AND MANHOLE FRAMES AND COVERS SPECIFIED TO BE REMOVED SHALL BE SALVAGED, CLEANED AND INSPECTED. IF THEY ARE DEEMED SOUND, THEY MAY BE REUSED AT LOCATIONS APPROVED BY ENGINEER.
11. PROTECT ALL TREES AND SHRUBS NOT SCHEDULED FOR REMOVAL. DO NOT OPERATE EQUIPMENT, STORE, STOCKPILE, OR PARK WITHIN DRIP LINE OF PLANTS. HOLD NECESSARY DISTURBANCE TO A MINIMUM.
12. REMOVAL ITEMS SHOWN ARE BASED ON BEST AVAILABLE INFORMATION AND ARE SHOWN SCHEMATICALLY. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO BE FULLY FAMILIAR WITH THE EXTENT OF REMOVAL ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REMOVALS NECESSARY TO COMPLETE CONSTRUCTION. QUESTIONS REGARDING ITEMS TO BE REMOVED SHALL BE DIRECTED TO THE ENGINEER PRIOR TO CONSTRUCTION.

DEMO LEGEND

- INDICATES REMOVAL ASPHALT PAVEMENT
- INDICATES 1-1/2" ASPHALT MILLING
- INDICATES REMOVAL OF CONCRETE PAVEMENT
- INDICATES DEMOLITION & REMOVAL OF BUILDING
- INDICATES SEWER PIPE REMOVAL

KEY NOTES

1. REMOVE/DEMO EXISTING SHED
2. REMOVE EXISTING CONCRETE PAVEMENT
3. REMOVE EXISTING ASPHALT PAVEMENT
4. REMOVE EXISTING LIGHT POLE
5. REMOVE EXISTING TREE
6. REMOVE EXISTING CURB
7. MILL ASPHALT 1-1/2"
8. REMOVE EXISTING FLAG POLE
9. REMOVE EXISTING SANITARY STRUCTURE
10. REMOVE EXISTING STORM STRUCTURE
11. REMOVE EXISTING SEWER PIPE
12. REMOVE EXISTING UTILITY POLE
13. SAW-CUT LINE
14. REMOVE EXISTING SIGN
15. REMOVE EXISTING ELECTRIC
16. RELOCATE EXISTING TELEPHONE PEDESTAL AND LINE
17. REMOVE EXISTING BASKETBALL GOAL AND POST

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DRAWN BY	DBH
CHECKED BY	RDM
DATE ISSUED	08/01/2016

REVISIONS:
DESCRIPTION DATE

Owner:
Boys & Girls Club of Noblesville
1448 Conner Street
Noblesville, Indiana 46060
317.773.4372

Civil Engineer:
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Indianapolis, Indiana 46240
PH 317-706-2075

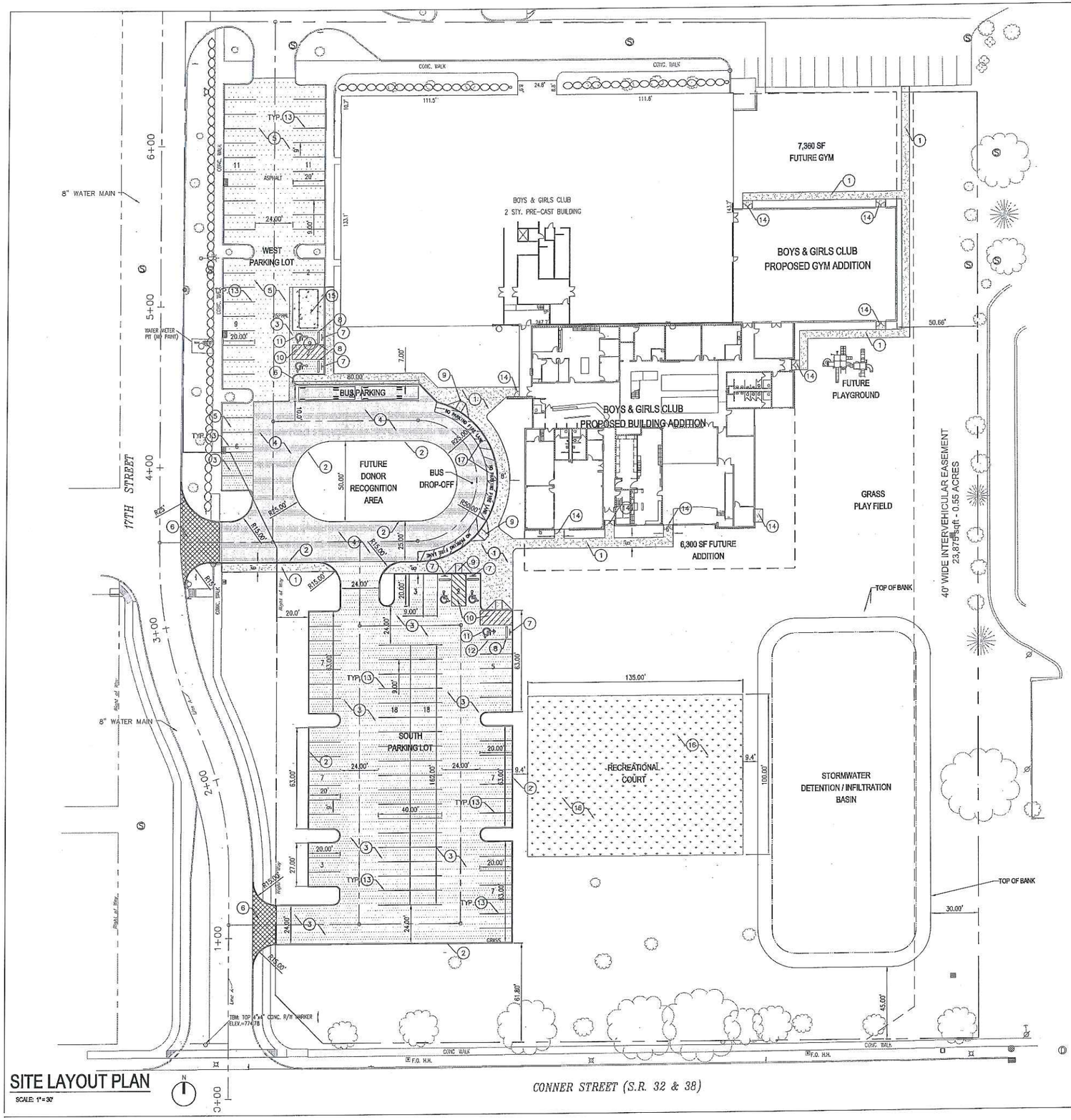
BOYS & GIRLS CLUB OF NOBLESVILLE
15028 - NEW CLUB ADDITION & GYM
150 N. 17TH STREET, NOBLESVILLE, INDIANA 46060

NOT FOR CONSTRUCTION

SITE DEMOLITION PLAN

C102

PROJECT NUMBER: 15028



SITE LAYOUT PLAN

SCALE: 1" = 30'

SITE LAYOUT NOTES

1. ALL DIMENSIONS IN CURBED AREAS ARE FACE TO FACE OF CURB. ALL DIMENSIONS IN AREAS WITHOUT CURB SHALL BE TO EDGE OF PAVEMENT.
2. ALL EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN EDGE WHERE NEW PAVEMENT IS TO BE INSTALLED ADJACENT TO EXISTING PAVEMENT.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD BEFORE STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD CONDITION, THE CONTRACTOR SHALL CONTACT A/E IMMEDIATELY.
4. SEE DETAIL SHEETS FOR TYPICAL CONSTRUCTION DETAILS.
5. ALL AREAS WHERE THE EXISTING PAVEMENT OR PAVEMENTS ARE DAMAGED DURING CONSTRUCTION FROM TRAFFIC BY THE GENERAL CONTRACTOR, SUBCONTRACTORS, OR SUPPLIERS SHALL BE RESURFACED OR RECONSTRUCTED AT LEAST TO THEIR ORIGINAL CONDITION AFTER CONSTRUCTION WORK IS COMPLETED.
6. ALL RADII INDICATED SHALL BE FORMED AS CIRCULAR ARCS.
7. ALL DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO RIGHT-OF-WAY LINES OR PROPERTY LINES, UNLESS OTHERWISE NOTED.
8. DISABLED RAMPS SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, COUNTY, CITY AND LOCAL CODES. SEE PLAN FOR LOCATION AND DETAIL SHEETS FOR SPECIFICATIONS.
9. SEE DETAIL SHEETS FOR TYPICAL PAVEMENT SECTIONS AND CURB DETAILS.
10. ENDS OF ALL CURBS SHALL BE CHAMFERED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AT HIS EXPENSE ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, COUNTY, CITY OR LOCAL AGENCY. THE AMOUNT, LOCATION AND SIZE SHALL BE PER DIRECTION OF AGENCY.
12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRACKED ONTO ANY PUBLIC OR PRIVATE STREETS OR SIDEWALKS. THE CONTRACTOR MUST CLEAN THESE DAILY IF NECESSARY. THE CONTRACTOR MUST USE WATER OR OTHER METHODS TO KEEP AIRBORNE DUST TO A REQUIRED MINIMUM.
13. ALL AREAS WHERE PROPOSED ASPHALT PAVEMENT MEETS THE EXISTING PAVEMENT THE EXISTING PAVEMENT EDGE SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL.

SITE LEGEND

- 4" CONCRETE SIDEWALK PAVEMENT =
- STANDARD DUTY ASPHALT PAVEMENT =
- HEAVY DUTY ASPHALT PAVEMENT =
- ASPHALT PAVEMENT OVERLAY =
- RIGHT OF WAY ENTRANCE PAVEMENT =

KEY NOTES

1. 4" CONCRETE SIDEWALK (SEE DETAIL ON C801)
2. 6" STRAIGHT CONCRETE CURB (SEE DETAIL ON C801)
3. STANDARD DUTY ASPHALT PAVEMENT (SEE DETAIL ON C801)
4. HEAVY DUTY ASPHALT PAVEMENT (SEE DETAIL ON C801)
5. ASPHALT PAVEMENT OVERLAY (SEE DETAIL ON C801)
6. RIGHT OF WAY ENTRANCE PAVEMENT (BY CITY OF NOBLESVILLE)
7. DISABLED PARKING SIGN (SEE DETAIL ON C801)
8. CONCRETE WHEEL STOP (SEE DETAIL ON C801)
9. ADA CURB RAMP W/ CAST IRON DOMES (INDOT STANDARDS)
10. 4" STRIPING, 45°, BLUE, 3' O.C.
11. DISABLED PARKING SYMBOL, BLUE PAINTED (SEE DETAIL ON C801)
12. 4" PAINTED STRIPE, BLUE
13. 4" PAINTED STRIPE, WHITE
14. CONCRETE STOOP (SEE DETAIL ON C801)
15. TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS)
16. RECREATIONAL COURT
17. FIRE LANE PAVEMENT MARKING (SEE DETAIL ON C801)

PARKING COUNT

EXISTING WEST LOT PARKING
- 39 REGULAR SPACES
- 2 HCAP SPACES
- 41 TOTAL SPACES

PROPOSED SOUTH LOT PARKING
- 75 REGULAR SPACES
- 3 HCAP SPACES
- 78 TOTAL SPACES

TOTAL ON-SITE PARKING
119 SPACES

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DATE ISSUED	08/01/2016

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#	DESCRIPTION	DATE

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1448 Conner Street
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BOYS & GIRLS CLUB OF NOBLESVILLE
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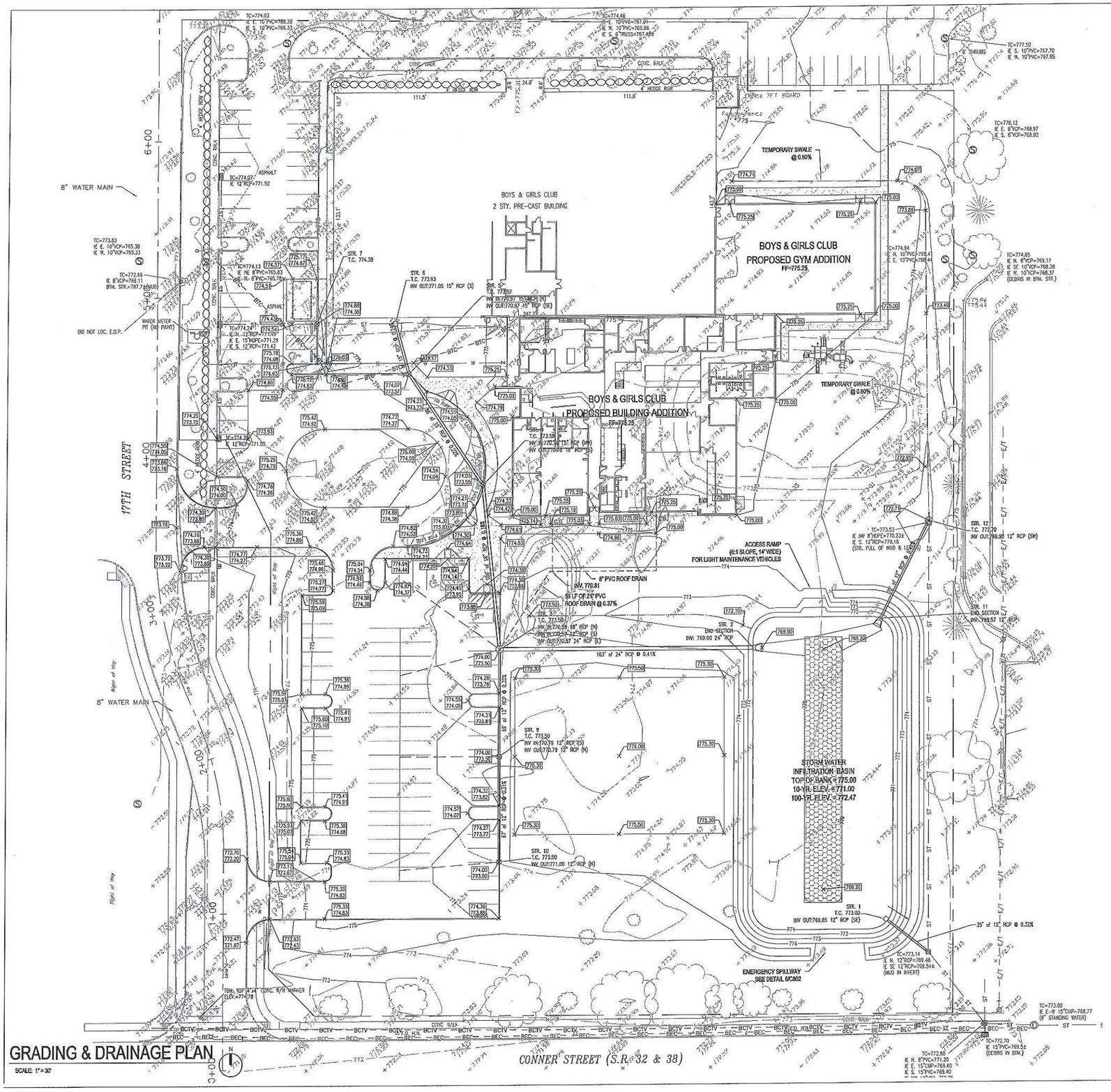
SITE LAYOUT PLAN

C201

PROJECT NUMBER: 15028



GRADING GENERAL NOTES

1. PROVIDE POSITIVE DRAINAGE IN ALL AREAS. PAVING CONTRACTOR SHALL TEST FOR ANY PONDING CONDITIONS AFTER INSTALLATION AND CORRECT.
2. PROVIDE SMOOTH TRANSITION FROM NEW AREAS TO EXISTING FEATURES AS NECESSARY.
3. ALL AREAS WHERE PROPOSED ASPHALT PAVEMENT MEETS THE EXISTING PAVEMENT THE EXISTING PAVEMENT EDGE SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL.
4. THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHILE EXCAVATING AROUND EXISTING TREES SO NOT TO DISTURB AND TO MINIMIZE OR ELIMINATE DAMAGE TO ROOT SYSTEM.
5. THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO NOT TO CAUSE DAMAGE.
6. THE EXCAVATING CONTRACTOR OR LANDSCAPING CONTRACTOR SHALL INSTALL THE FINISH GRADE AT 1/2" BELOW PAVEMENTS WHEN SHEET DRAINAGE IS PROPOSED ACROSS THAT SEEDED AREA.
7. ALL AREAS WHERE THE EXISTING PAVEMENT OR PAVEMENTS ARE DAMAGED DURING CONSTRUCTION FROM TRAFFIC BY THE GENERAL CONTRACTOR, SUBCONTRACTORS OR SUPPLIERS, SHALL BE RESURFACED OR RECONSTRUCTED AT LEAST TO THEIR ORIGINAL CONDITION AFTER THE CONSTRUCTION WORK IS COMPLETED.
8. THE EXCAVATING CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY EXTRA OR UNSUITABLE SOIL FROM THE SITE.

GRADING LEGEND

- 718.64 — PROPOSED SPOT ELEVATION
- M.E. — INDICATES MATCH EXISTING GRADE
- 721 — PROPOSED GROUND CONTOUR
- x721.7 — EXISTING SPOT ELEVATION
- 721 — EXISTING GROUND CONTOUR

DRAINAGE LEGEND

- PROPOSED STORM SEWER
- PROPOSED PVC ROOFDRAIN
- PROPOSED PAVEMENT SUBDRAIN
- C.O. — PROPOSED CLEAN-OUT
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE

AXIS
618 East Market Street
Indianapolis, Indiana 46202
phone 317/264.8162
axisarch.com

Scope Drawings

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DRAWN BY	DBH
CHECKED BY	RDM
DATE ISSUED	08/01/2016

REVISIONS:

#	DESCRIPTION	DATE

Owner:
Boys & Girls Club of Noblesville
1449 Conner Street
Noblesville, Indiana 46060
317 773-4372

Civil Engineer:
Enwerks Engineering
9229 Delegates Row, Suite 150
Indianapolis, Indiana 46240
PH 317.706.2075

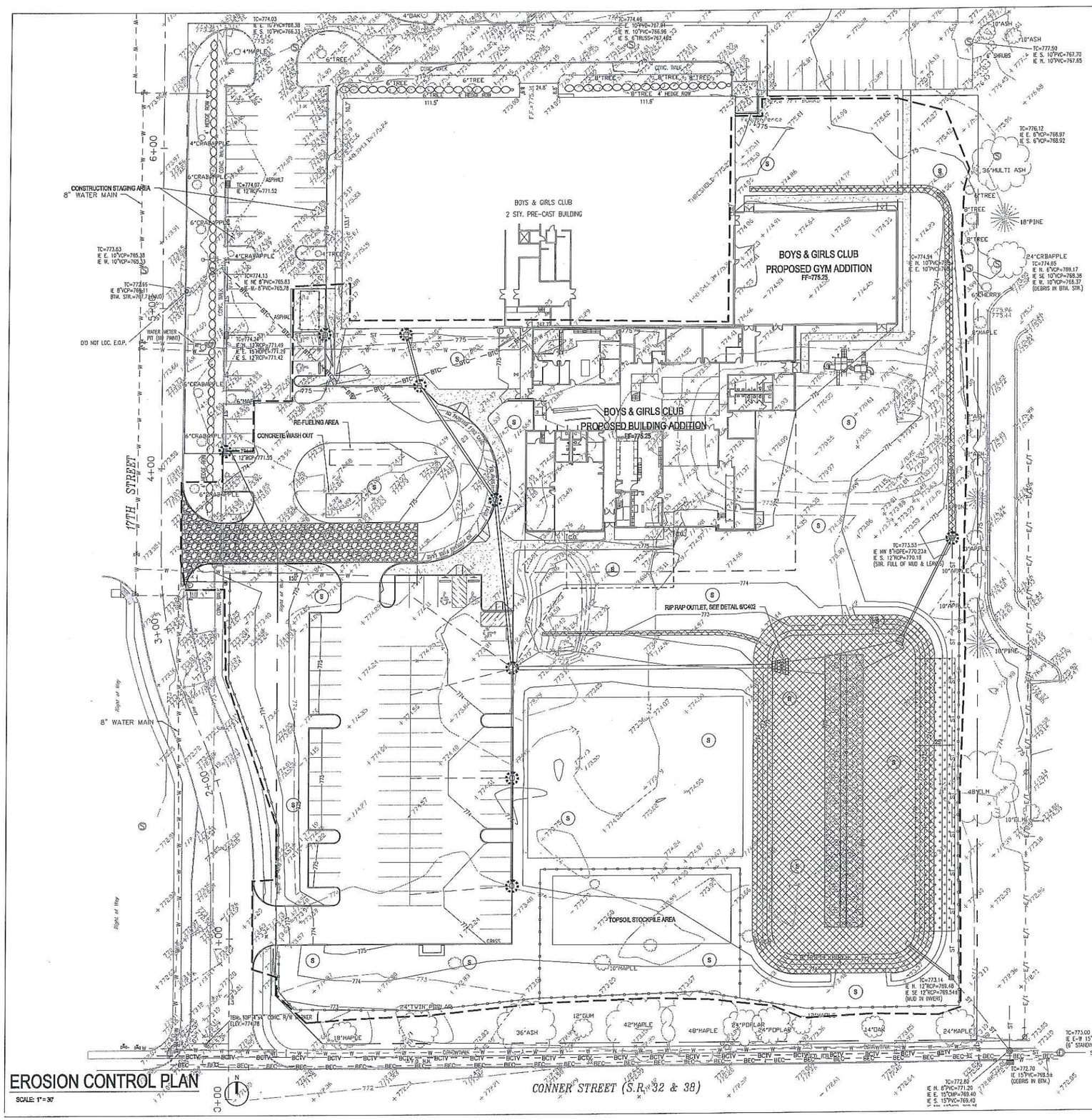
BOYS & GIRLS CLUB OF NOBLESVILLE
15028 - NEW CLUB ADDITION & GYM
150 N. 17TH STREET, NOBLESVILLE, INDIANA 46060

NOT FOR CONSTRUCTION

GRADING & DRAINAGE PLAN

C301

PROJECT NUMBER: 15028



EROSION CONTROL PLAN

SCALE: 1" = 30'

SESC REQUIREMENTS:

1. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE "INDIANA STORM WATER QUALITY MANUAL" AND THE SCS "FIELD OFFICE TECHNICAL GUIDE".
2. THE EROSION CONTROL MEASURES INCLUDED IN THIS PLAN SHALL BE INSTALLED PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES OR AS SOON AS PRACTICAL. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE, STRAW BALES, SEDIMENT BASINS, ETC. AS SHOWN ON THIS PLAN.
3. ALL ON SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH STRAW BALES, FILTER FABRIC, OR EQUIVALENT BARRIERS AS SHOWN ON THIS PLAN.
4. EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS OR OTHER CIRCUMSTANCES BEYOND THE CONTROL OF THE CONTRACTOR/DEVELOPER APPROPRIATE EROSION CONTROL PRACTICES WILL BE INITIATED WITHIN (7) SEVEN DAYS OF THE LAST LANE DISTURBING ACTIVITY AT THE SITE. THE SITE SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES.
5. THIS EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF A QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
6. DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL SEDIMENT BASINS AND OTHER EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF REQUIRED MAINTENANCE RESPONSIBILITIES WITH THE OWNER.
7. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.
8. THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNOFF, OR OTHER FORCES PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIALS APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED.
9. ALL EROSION CONTROL MEASURES INDICATED SHALL BE MAINTAINED BY THE CONTRACTOR ON BEHALF OF THE OWNER. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DIRECTED BY THE CONTRACTOR'S SITE INSPECTOR OR BY THE CITY OF NOBLESVILLE.

RESPONSIBLE PERSON:

FOR IMPLEMENTING EROSION CONTROL PRACTICES:

HAGERMAN CONSTRUCTION
10315 ALLISONVILLE ROAD
FISHERS, IN 46038
PH: 317-577-6838

EROSION CONTROL LEGEND

- INLET SILT PROTECTION (SEE DETAIL ON SHEET C402)
- SILT FENCE (SEE DETAIL ON SHEET C402)
- SEEDING W/ MULCH APPLIED (SEE DETAIL ON SHEET C402) (S)
- TEMPORARY CONSTRUCTION ENTRANCE (SEE DETAIL ON SHEET C402)
- EROSION CONTROL BLANKET (SEE DETAIL ON SHEET C402)
- BUFFER ZONE SEEDING (LOW STATURE PRAIRIE MIX BY SPENCE NURSERY OR APPROVED EQUAL)
- INDICATES CONSTRUCTION LIMITS

INSTALLATION SEQUENCE:

1. NO CONSTRUCTION ACTIVITY MAY COMMENCE UNTIL A PRE-CONSTRUCTION MEETING HAS BEEN HELD WITH THE CITY OF NOBLESVILLE.
2. INSTALL SILT FENCE, CONCRETE WASH OUT AND CONSTRUCTION ENTRANCE.
3. STRIP TOPSOIL AND STOCKPILE WITH PERIMETER SILT FENCE.
4. ROUGH GRADE SITE INCLUDING INFILTRATION BASIN AND OUTLET STRUCTURE AND PIPES. DO NOT EXCAVATE FOR STONE INFILTRATION TRENCH AT THIS TIME.
5. INSTALL EROSION CONTROL BLANKETS, OUTLET PROTECTION AND TEMPORARY SEED EXPOSED AREAS TO REMAIN EXPOSED FOR MORE THAN 15 DAYS.
6. PLACE STONE BASE FOR PAVEMENT AREAS AND USE FOR CONSTRUCTION STAGING.
7. BEGIN BUILDING ADDITION CONSTRUCTION.
8. INSTALL UTILITIES AND REMAINING STORM PIPES. PERMANENT SEED AND MULCH DISTURBED AREAS FROM UTILITY INSTALLATION.
9. REMOVE ANY ACCUMULATED SEDIMENT WITHIN INFILTRATION BASIN AND REPLACE IN NON-STRUCTURAL FILL AREAS ONSITE. SEED BOTTOM AND BANKS OF INFILTRATION BASIN WITH TALL FESCUE.
10. PERMANENT SEED AS SHOWN ON PLAN.
11. INSTALL CONCRETE CURBS, RAMPS, AND WALKWAYS.
12. INSTALL BASE AND BINDER COURSE ON DRIVEWAY AND 96TH STREET.
13. INSTALL LANDSCAPING.
14. EXCAVATE AND INSTALL STONE TRENCH WITHIN BOTTOM OF INFILTRATION BASIN ONLY AFTER ALL AREAS ARE STABILIZED WITH NO POTENTIAL FOR SOIL, DUST OR MUD ENTERING STONE.
15. COMPLETE BUILDING CONSTRUCTION.
16. INSTALL ASPHALT SURFACE COURSE.
17. REMOVE CONCRETE WASH OUT AFTER COMPLETION OF ALL CONCRETE WORK.
18. REMOVE SILT FENCE, INLET PROTECTION AFTER ALL AREAS ARE STABILIZED.

ALL DISTURBED AREAS THAT ARE LEFT UNSTABILIZED FOR 15 DAYS SHALL RECEIVE SEED AND MULCH.

NOTE: ALL CASTINGS SHALL BE LABELED "DUMP NO WASTE – DRAINS TO WATERWAY"

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Indianapolis, Indiana 46202
phone 317/264.8162
axisarch.com

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1448 Conner Street
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317 773-4372

Civil Engineer:
Enwerby Engineering
9229 Delegates Row, Suite 150
Indianapolis, Indiana 46240
PH 317-706-2075

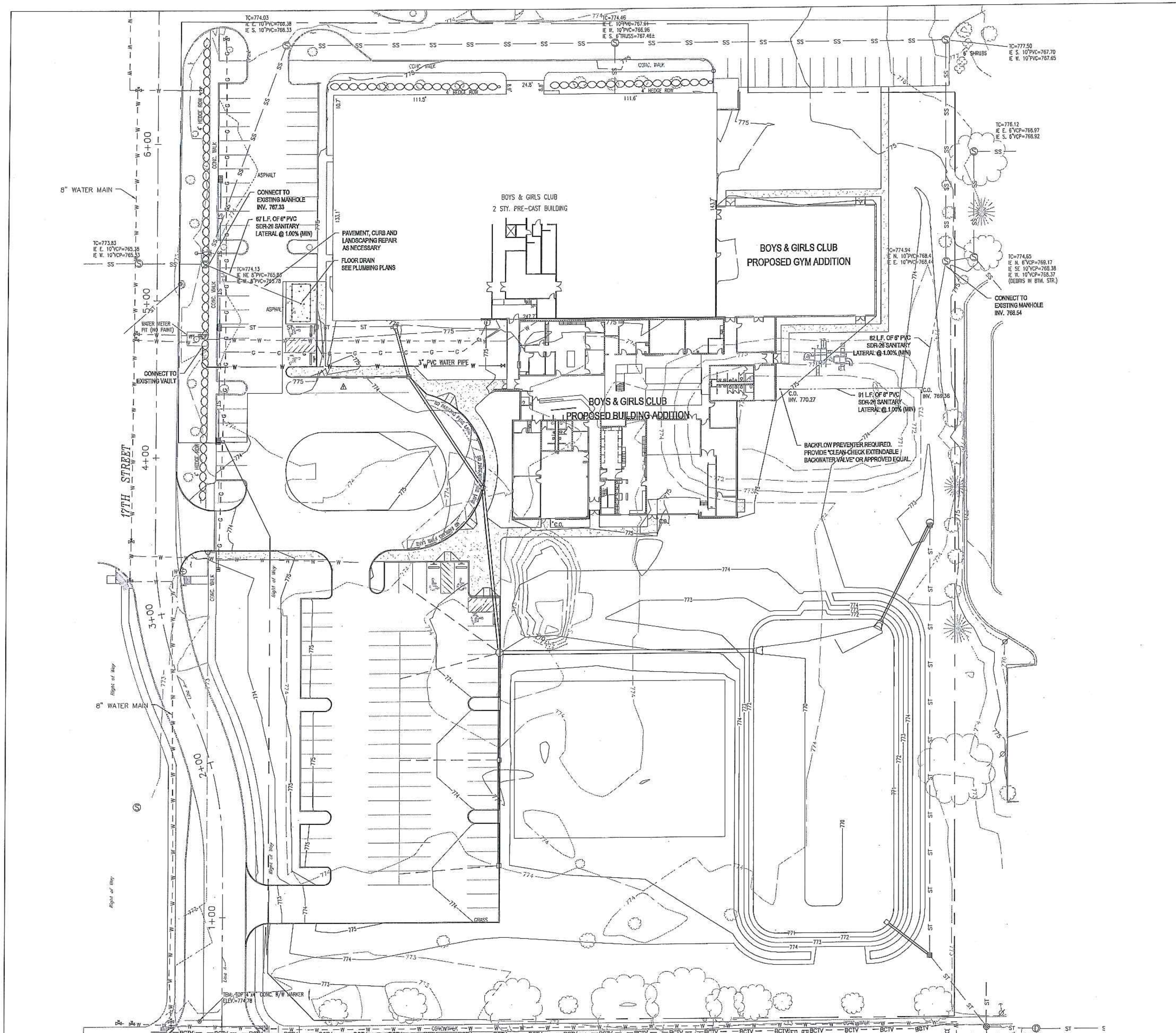
BOYS & GIRLS CLUB OF NOBLESVILLE
15028 - NEW CLUB ADDITION & GYM
150 N. 17TH STREET, NOBLESVILLE,
INDIANA 46060

NOT FOR CONSTRUCTION

EROSION CONTROL PLAN

C401

PROJECT NUMBER: 15028



SITE UTILITY PLAN

SCALE: 1" = 30'

UTILITY NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING OR VERIFYING THAT PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY OR STATE AGENCIES PRIOR TO STARTING ANY CONSTRUCTION. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LOCAL AUTHORITIES STANDARDS AND SPECIFICATIONS.
2. REFER TO EXISTING TOPOGRAPHIC SURVEY FOR BENCHMARKS AND OTHER EXISTING INFORMATION. CONTRACTOR TO FIELD VERIFY LAYOUT PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL PROTECT ALL EXISTING AND NEW CONSTRUCTION FROM DAMAGE. SHOULD ANY DAMAGE OCCUR, CONTRACTOR SHALL MAKE ALL NECESSARY REPAIRS AT NO COST TO THE OWNER.
4. CONTRACTOR SHALL COORDINATE WORK WITH OTHER CONTRACTORS ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH THE RESPECTIVE UTILITY PROVIDERS PRIOR TO STARTING ANY CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING ANY CONSTRUCTION.
6. CALL "HOLEY MOLEY", 1-800-382-5544, 72 HOURS PRIOR TO THE START OF ANY EXCAVATION.
7. CONTRACTOR SHALL BE RESPONSIBLE TO MAKE AVAILABLE TO THE ENGINEER DIMENSIONS TO LOCATE UTILITY STUBS AND/OR ANY UTILITY CONDUIT STUBS INSTALLED.
8. ALL UTILITY CROSSINGS OR TRENCHES WITHIN FIVE (5) FEET OF THE EDGE OF PAVEMENT SHALL BE BACKFILLED TO THE SUBGRADE WITH GRANULAR MATERIAL (#8 STONE) AND COMPACTED IN SIX (6) INCH LIFTS.
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN WATERMAINS, SANITARY AND STORM SEWERS AS WELL AS A 10' HORIZONTAL SEPARATION BETWEEN WATERMAINS AND SANITARY SEWERS.
10. CONTRACTOR SHALL PROTECT ALL EXISTING AND NEW CONSTRUCTION FROM DAMAGE. SHOULD ANY DAMAGE OCCUR, CONTRACTOR SHALL MAKE ALL NECESSARY REPAIRS AT NO COST TO THE OWNER.
11. ALL UTILITY WORK SHALL BE COMPLETED, INCLUDING TRENCH BACKFILL AND COMPACTION, PRIOR TO PLACEMENT OF ANY GRAVEL BASE.
12. EXCEPT FOR THOSE UTILITIES NOTED TO BE PLUGGED OR REMOVED, RECONNECT ALL LINES ENCOUNTERED DURING CONSTRUCTION.
13. UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR THE RAISING OR LOWERING OF ALL EXISTING MANHOLES AND CATCH BASINS, FRAMES AND COVERS, VALVE BOXES AND CLEAN-OUTS TO MEET FINISH GRADES.
14. ALL SITE UTILITIES SHALL BE STUBBED AND PLUGGED TO WITHIN FIVE FEET OF THE OUTSIDE BUILDING FOUNDATION WALL UNLESS OTHERWISE NOTED.
15. REFER TO ARCHITECTURAL/MECHANICAL PLANS FOR EXACT BUILDING SANITARY AND WATER SERVICE CONNECTION LOCATIONS. FIELD ADJUST AS NECESSARY.
16. IF ALTERNATE STRUCTURES ARE TO BE SUPPLIED, SHOP DRAWINGS MUST BE SUBMITTED TO THE ENGINEER AND APPROVED IN WRITING PRIOR TO INSTALLATION.
17. UTILITY LENGTHS NOTED ARE APPROXIMATE.
18. ALL STORM WATER INLETS AND CATCH BASINS SHALL HAVE THE WORDS "NO DUMPING, DRAINS TO STREAM", OR SIMILARLY APPROVED MESSAGE CAST IN RAISED OR RECESSED LETTERS AT A MINIMUM OF 1" IN HEIGHT IN ADDITION, A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERS.

UTILITY LEGEND

Symbol	Description
———	PROPOSED STORM SEWER
— E —	PROPOSED UNDERGROUND ELECTRIC (BY UTILITY COMPANY)
— T —	PROPOSED UNDERGROUND TELEPHONE
— W —	PROPOSED WATER LINE
— G —	PROPOSED GAS LINE
———	PROPOSED SANITARY MAIN
———	PROPOSED SANITARY LATERAL
- - - -	PROPOSED PVC ROOFDRAIN
	PROPOSED FIRE HYDRANT
⋈	PROPOSED WATER VALVE
C.O.	PROPOSED CLEAN-OUT
●	PROPOSED SANITARY MANHOLE
□	PROPOSED STORM INLET
○	PROPOSED STORM MANHOLE

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Civil Engineer:
Enverity Engineering
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PH 317-706-2075

BOYS & GIRLS CLUB OF NOBLESVILLE
15028 - NEW CLUB ADDITION & GYM
150 N. 17TH STREET, NOBLESVILLE, INDIANA 46060

NOT FOR CONSTRUCTION

SITE UTILITY PLAN

C501

PROJECT NUMBER: 15028

Design Excellence

Stepping Up to the Challenge

The Galleon LED luminaire delivers exceptional performance in a highly scalable, low-profile design. The patented, high-efficiency AccuLED Optics™ system provides uniform and energy-conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. With HID equivalents ranging from 100W up to 1000W, the Galleon LED luminaire is designed to meet the toughest lighting challenges.

Construction

- Extruded aluminum driver enclosure
- Heavy-wall die-cast aluminum end caps
- 3G vibration rated
- IP66-rated housing and LED Light Squares
- Optional tool-less entry

Electrical

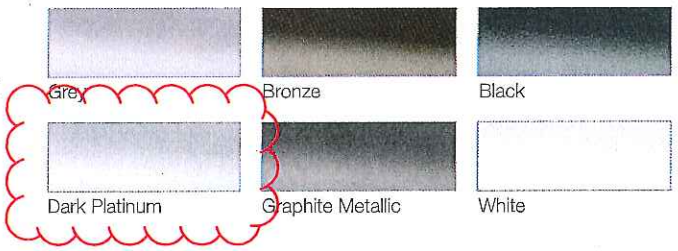
- Operates in -40°C to 40°C ambient with optional high ambient 50°C ambient configuration
- Proprietary circuit module designed to withstand 10kV of transient line surge
- >L90 60,000 hours at 40°C, compliant with IESNA TM-21
- 120V-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation

Controls

- Standard with 0-10V dimming driver(s)
- Optional occupancy sensor
- Optional wireless control and monitoring system

Finish

- Five-stage, super durable TGIC paint resists extreme weather conditions while providing optimal color and gloss retention. It's available in standard grey or optional bronze, black, dark platinum, graphite metallic or white.

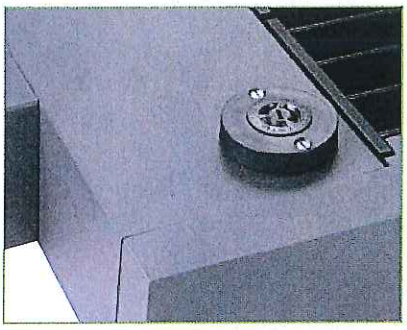


Warranty

- Five-year warranty

Surge Protection

A 10kV common surge (line-to-ground) and differential surge (line-to-line) mode protection is standard.



NEMA Twistlock Photocontrol Receptacle

Optional gasketed receptacle for mounting standard NEMA photocontrol (order separately).

Light Square Trim Plate Finish

An optional finish to match LED trim plates to the housings exterior allows luminaire to blend seamlessly in any site lighting application.

McGraw-Edison

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 6000K CCT and 3000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 530mA and 700mA drive currents.

Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during assembly. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. 3G vibration rated. QUICK MOUNT ARM: Arm is bolted directly to the pole and the fixture slides onto the quick mount arm and is secured via a single fastener, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

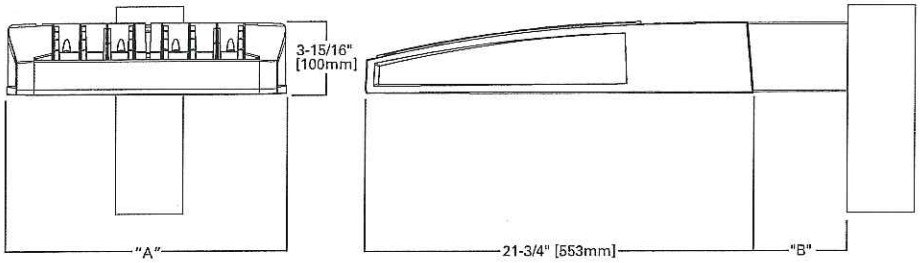
Warranty
Five-year warranty.

GLEON
GALLEON LED

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

DIMENSIONS



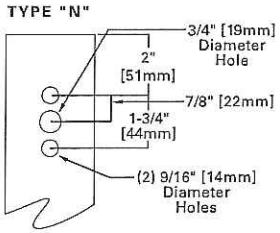
DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length [1]	Weight with Arm (lbs.)	EPA with Arm [2] (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.

DRILLING PATTERN

TYPE "N"



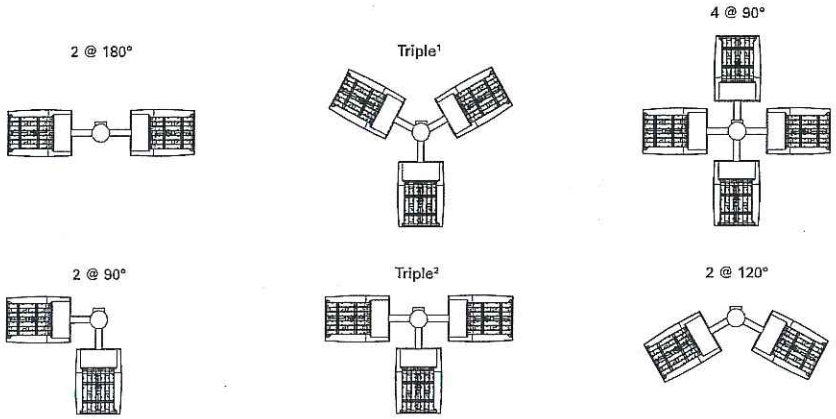
CERTIFICATION DATA
UL/cUL Wet Location Listed
ISO 9001
LM79 / LM80 Compliant
3G Vibration Rated
IP66 Rated
DesignLights Consortium™ Qualified*

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V 50/60Hz
347V & 480V 60Hz
-40°C Min. Temperature
40°C Max. Temperature
50°C Max. Temperature (HA Option)

*www.designlights.org

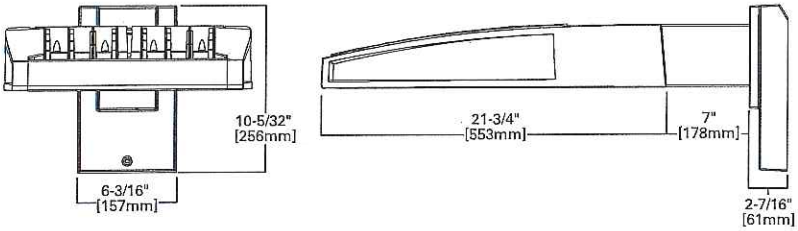
ARM MOUNTING REQUIREMENTS

Configuration	90° Apart	120° Apart
GLEON-AE-01	7" Arm (Standard)	7" Arm (Standard)
GLEON-AE-02	7" Arm (Standard)	7" Arm (Standard)
GLEON-AE-03	7" Arm (Standard)	7" Arm (Standard)
GLEON-AE-04	7" Arm (Standard)	7" Arm (Standard)
GLEON-AE-05	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AE-06	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AE-07	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AE-08	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AE-09	16" Extended Arm (Required)	16" Extended Arm (Required)
GLEON-AE-10	16" Extended Arm (Required)	16" Extended Arm (Required)

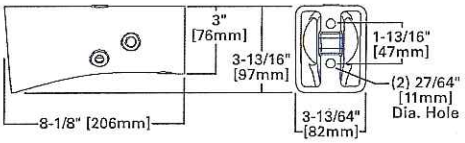


NOTES: 1 Round poles are 3 @ 120°. Square poles are 3 @ 90°. **2** Round poles are 3 @ 90°.

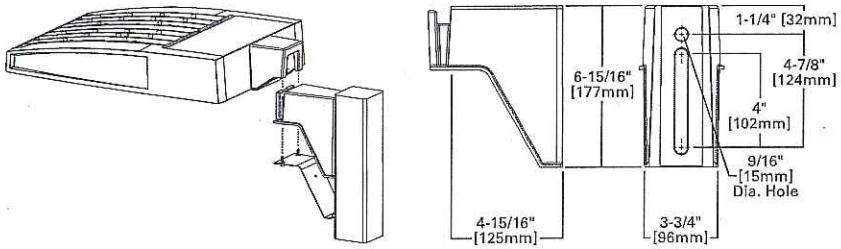
STANDARD WALL MOUNT



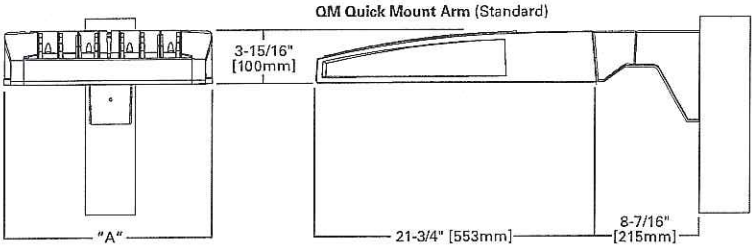
MAST ARM MOUNT



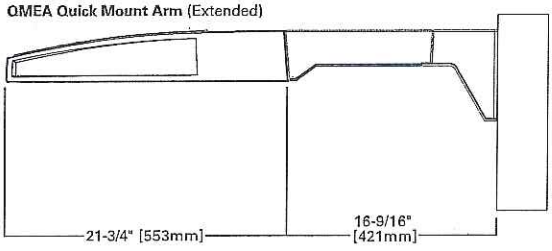
QUICK MOUNT ARM (INCLUDES FIXTURE ADAPTER)



QM Quick Mount Arm (Standard)



QMEA Quick Mount Arm (Extended)

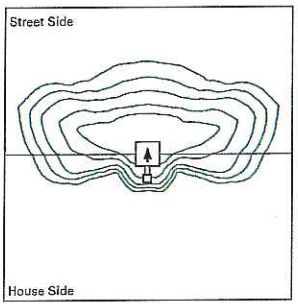


QUICK MOUNT ARM DATA

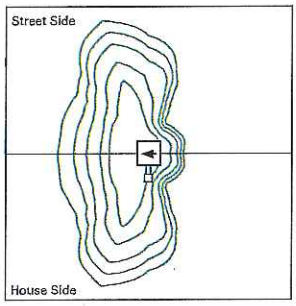
Number of Light Squares [1,2]	"A" Width	Weight with QM Arm (lbs.)	Weight with QMEA Arm (lbs.)	EPA (Sq. Ft.)
1-4	15-1/2" (394mm)	35 (15.91 kgs.)	38 (17.27 kgs.)	1.11
5-6 [3]	21-5/8" (549mm)	46 (20.91 kgs.)	49 (22.27 kgs.)	
7-8	27-5/8" (702mm)	56 (25.45 kgs.)	59 (26.82 kgs.)	

NOTES: 1 QM option available with 1-8 light square configurations. **2** QMEA option available with 1-6 light square configurations. **3** QMEA arm to be used when mounting two fixtures at 90° on a single pole.

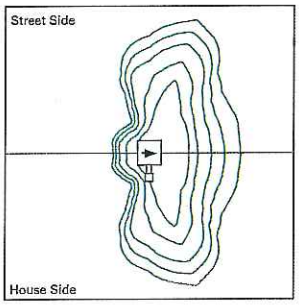
OPTIC ORIENTATION



Standard



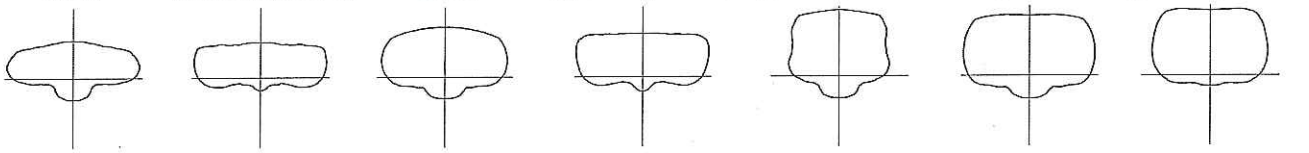
Optics Rotated Left @ 90° [L90]



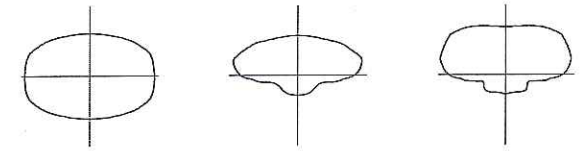
Optics Rotated Right @ 90° [R90]

OPTICAL DISTRIBUTIONS

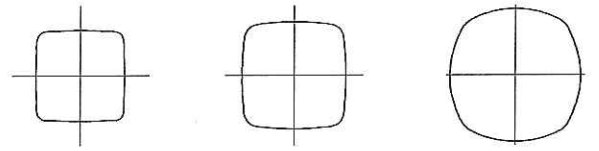
Asymmetric Area Distributions



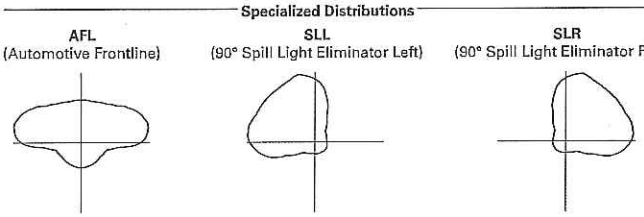
Asymmetric Roadway Distributions



Symmetric Distributions



Specialized Distributions



NOMINAL POWER AND LUMENS (1A)

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Drive Current		1A	1A	1A	1A	1A	1A	1A	1A	1A	1A
Nominal Power (Watts)		56	107	157	213	264	315	370	421	475	528
Input Current @ 120V (A)		0.47	0.90	1.31	1.79	2.21	2.64	3.09	3.51	3.96	4.41
Input Current @ 208V (A)		0.28	0.51	0.74	1.02	1.25	1.48	1.76	1.99	2.22	2.50
Input Current @ 240V (A)		0.25	0.45	0.65	0.90	1.10	1.30	1.55	1.75	1.95	2.20
Input Current @ 277V (A)		0.23	0.41	0.59	0.82	1.00	1.18	1.41	1.59	1.77	2.00
Optics											
T2	Lumens	5,272	10,303	15,373	20,313	25,168	30,118	35,618	40,357	45,018	49,842
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
T2R	Lumens	5,597	10,938	16,321	21,565	26,719	31,974	37,813	42,844	47,792	52,914
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G4	B4-U0-G5
T3	Lumens	5,374	10,501	15,669	20,704	25,652	30,697	36,303	41,134	45,884	50,802
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T3R	Lumens	5,493	10,735	16,017	21,164	26,222	31,379	37,110	42,048	46,904	51,930
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4FT	Lumens	5,405	10,562	15,760	20,824	25,801	30,875	36,514	41,372	46,150	51,096
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4W	Lumens	5,335	10,426	15,556	20,555	25,468	30,476	36,042	40,838	45,554	50,436
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL2	Lumens	5,263	10,285	15,347	20,278	25,124	30,066	35,556	40,288	44,940	49,756
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
SL3	Lumens	5,373	10,500	15,667	20,701	25,649	30,693	36,298	41,128	45,878	50,794
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
SL4	Lumens	5,105	9,976	14,886	19,669	24,370	29,163	34,488	39,078	43,591	48,262
	BUG Rating	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
5NQ	Lumens	5,542	10,830	16,160	21,352	26,455	31,658	37,439	42,421	47,320	52,392
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4
5MQ	Lumens	5,644	11,029	16,457	21,745	26,942	32,241	38,128	43,202	48,191	53,356
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5
5WQ	Lumens	5,659	11,059	16,501	21,803	27,014	32,327	38,230	43,317	48,320	53,498
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
SLL/SLR	Lumens	4,722	9,227	13,767	18,191	22,539	26,971	31,897	36,141	40,315	44,635
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
RW	Lumens	5,492	10,732	16,014	21,159	26,216	31,372	37,101	42,038	46,893	51,918
	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
AFL	Lumens	5,512	10,771	16,072	21,236	26,311	31,486	37,236	42,191	47,063	52,107
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4

* Nominal data for 4000K CCT.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
25°C	> 94%	> 350,000
40°C	> 93%	> 250,000
50°C*	> 90%	> 170,000

* 50°C lumen maintenance data applies to 530mA and 700mA drive currents.

NOMINAL POWER AND LUMENS (700MA)

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Drive Current		700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA
Nominal Power (Watts)		38	72	105	138	176	210	243	276	314	348
Input Current @ 120V (A)		0.32	0.59	0.86	1.14	1.45	1.72	2	2.28	2.58	2.86
Input Current @ 208V (A)		0.21	0.36	0.51	0.67	0.87	1.02	1.18	1.34	1.53	1.69
Input Current @ 240V (A)		0.19	0.32	0.45	0.59	0.77	0.90	1.04	1.18	1.35	1.49
Input Current @ 277V (A)		0.20	0.29	0.40	0.51	0.69	0.80	0.91	1.02	1.20	1.31
Optics											
T2	Lumens	3,854	7,531	11,237	14,847	18,395	22,013	26,033	29,497	32,904	36,430
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4
T2R	Lumens	4,091	7,995	11,929	15,762	19,529	23,370	27,638	31,316	34,932	38,676
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
T3	Lumens	3,928	7,676	11,453	15,133	18,750	22,437	26,534	30,065	33,537	37,132
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
T3R	Lumens	4,015	7,846	11,707	15,469	19,166	22,936	27,124	30,733	34,283	37,957
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
T4FT	Lumens	3,951	7,720	11,519	15,221	18,858	22,567	26,688	30,240	33,732	37,347
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4W	Lumens	3,900	7,620	11,370	15,024	18,615	22,276	26,343	29,849	33,296	36,864
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
SL2	Lumens	3,847	7,518	11,217	14,821	18,364	21,975	25,988	29,447	32,847	36,368
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
SL3	Lumens	3,927	7,675	11,451	15,131	18,747	22,434	26,531	30,061	33,533	37,126
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
SL4	Lumens	3,731	7,292	10,880	14,376	17,812	21,315	25,208	28,562	31,861	35,275
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B2-U0-G5	B3-U0-G5
5NQ	Lumens	4,051	7,916	11,811	15,606	19,336	23,139	27,365	31,006	34,587	38,294
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3
5MQ	Lumens	4,125	8,062	12,029	15,894	19,692	23,565	27,869	31,577	35,224	38,999
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
5WQ	Lumens	4,136	8,083	12,061	15,936	19,745	23,628	27,943	31,661	35,318	39,103
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
SLL/SLR	Lumens	3,451	6,744	10,063	13,296	16,474	19,714	23,314	26,416	29,467	32,625
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
RW	Lumens	4,014	7,844	11,704	15,465	19,162	22,930	27,118	30,726	34,274	37,948
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
AFL	Lumens	4,029	7,873	11,747	15,522	19,231	23,014	27,216	30,838	34,399	38,086
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3

* Nominal data for 4000K CCT.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
25°C	> 94%	> 350,000
40°C	> 93%	> 250,000
50°C*	> 90%	> 170,000

* 50°C lumen maintenance data applies to 530mA and 700mA drive currents.

NOMINAL POWER AND LUMENS (530MA)

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Drive Current		530mA	530mA	530mA	530mA	530mA	530mA	530mA	530mA	530mA	530mA
Nominal Power (Watts)		30	54	80	105	130	159	184	209	234	259
Input Current @ 120V (A)		0.25	0.45	0.66	0.86	1.07	1.32	1.52	1.72	1.93	2.14
Input Current @ 208V (A)		0.17	0.28	0.39	0.51	0.63	0.78	0.9	1.02	1.14	1.26
Input Current @ 240V (A)		0.17	0.25	0.35	0.45	0.55	0.70	0.80	0.90	1.00	1.10
Input Current @ 277V (A)		0.19	0.24	0.32	0.40	0.49	0.64	0.72	0.80	0.89	0.98
Optics											
T2	Lumens	3,079	6,017	8,978	11,862	14,697	17,588	20,800	23,567	26,289	29,106
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4
T2R	Lumens	3,269	6,388	9,531	12,593	15,603	18,672	22,082	25,020	27,909	30,900
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4
T3	Lumens	3,138	6,133	9,150	12,091	14,980	17,926	21,200	24,021	26,795	29,667
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
T3R	Lumens	3,208	6,269	9,354	12,359	15,313	18,325	21,671	24,555	27,390	30,326
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4
T4FT	Lumens	3,156	6,168	9,203	12,161	15,067	18,030	21,323	24,160	26,950	29,839
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
T4W	Lumens	3,116	6,088	9,084	12,004	14,872	17,797	21,047	23,848	26,602	29,453
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
SL2	Lumens	3,074	6,006	8,962	11,842	14,672	17,558	20,764	23,527	26,244	29,056
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
SL3	Lumens	3,138	6,132	9,149	12,089	14,978	17,924	21,197	24,018	26,791	29,662
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4
SL4	Lumens	2,981	5,826	8,693	11,486	14,231	17,030	20,140	22,820	25,456	28,184
	BUG Rating	B0-U0-G1	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5
5NQ	Lumens	3,236	6,324	9,437	12,469	15,449	18,487	21,863	24,773	27,634	30,595
	BUG Rating	B1-U0-G0	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2
5MQ	Lumens	3,296	6,441	9,610	12,698	15,733	18,828	22,266	25,229	28,142	31,158
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G3
5WQ	Lumens	3,305	6,458	9,636	12,732	15,775	18,878	22,325	25,296	28,217	31,241
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
SLL/SLR	Lumens	2,757	5,388	8,040	10,623	13,162	15,751	18,627	21,105	23,543	26,066
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4
RW	Lumens	3,207	6,267	9,351	12,356	15,309	18,320	21,666	24,549	27,384	30,319
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3
AFL	Lumens	3,219	6,290	9,385	12,401	15,365	18,387	21,745	24,638	27,484	30,429
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3

* Nominal data for 4000K CCT.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
25°C	> 94%	> 350,000
40°C	> 93%	> 250,000
50°C*	> 90%	> 170,000

* 50°C lumen maintenance data applies to 530mA and 700mA drive currents.

ORDERING INFORMATION

Sample Number: GLEON-AE-04-LED-E1-T3-GM-700

Product Family [1,2]	Light Engine	Number of Light Squares [3]	Lamp Type	Voltage	Distribution	Color	Mounting
GLEON=Galleon	**AE**=1A Drive Current	**01**=1 **02**=2 **03**=3 **04**=4 **05**=5 **06**=6 **07**=7 [4] **08**=8 [4] **09**=9 [5] **10**=10 [5]	**LED**=Solid State Light Emitting Diodes	**E1**=(120-277V) **347**=347V [6] **480**=480V [6,7]	**T2**=Type II **T2R**=Type II Roadway **T3**=Type III **T3R**=Type III Roadway **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **5NQ**=Type V Narrow **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right **RW**=Rectangular Wide Type I **AFL**=Automotive Frontline	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White	**[Blank]**=Arm for Round or Square Pole **EA**=Extended Arm [8] **MA**=Mast Arm Adapter [9] **WM**=Wall Mount **QM**=Quick Mount Arm (Standard Length) [10] **QMEA**=Quick Mount Arm (Extended Length) [11]

Options (Add as Suffix)

2L=Two Circuits [12,13]
7030=70 CRI / 3000K [14]
8030=80 CRI / 3000K [15]
7050=70 CRI / 5000K [15]
7060=70 CRI / 6000K [14]
530=Drive Current Factory Set to 530mA [16]
700=Drive Current Factory Set to 700mA [16]
P=Button Type Photocontrol (120, 208, 240 or 277V)
PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle
R=NEMA Twistlock Photocontrol Receptacle
HA=50°C High Ambient [13,17]
MS/DIM-L08=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height [18,19,20,21,22]
MS/DIM-L20=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [18,19,20,21,22]
MS/DIM-L40=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [18,19,20,21]
MS/DIM-L40W=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height (Wide Range) [18,19,20,21,25]
MS/X-L08=Bi-Level Motion Sensor, Maximum 8' Mounting Height [18,19,20,21,22,25]
MS/X-L20=Bi-Level Motion Sensor, 9' - 20' Mounting Height [18,19,20,21,23,25]
MS/X-L40=Bi-Level Motion Sensor, 21' - 40' Mounting Height [18,19,20,21,24,26]
MS/X-L40W=Bi-Level Motion Sensor, 21' - 40' Mounting Height (Wide Range) [18,19,20,21,25,26]
MS-L08=Motion Sensor for ON/OFF Operation, Maximum 8' Mounting Height [18,19,20,21,22]
MS-L20=Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height [18,19,20,21,23]
MS-L40=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height [18,19,20,21,24]
MS-L40W=Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height (Wide Range) [18,19,20,25]
DIMRF-LW=LumaWatt Wireless Sensor, Wide Lens for 8' - 16' Mounting Height [27]
DIMRF-LN=LumaWatt Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height [27]
L90=Optics Rotated 90° Left
R90=Optics Rotated 90° Right
MT=Factory Installed Mesh Top
TH=Tool-less Door Hardware
LCF=Light Square Trim Plate Painted to Match Housing [28]
HSS=Factory Installed House Side Shield [29]
CE=CE Marking [30]

Accessories (Order Separately)

OA/RA1016=NEMA Photocontrol Multi-Tap - 105-285V
OA/RA1027=NEMA Photocontrol - 480V
OA/RA1201=NEMA Photocontrol - 347V
OA/RA1013=Photocontrol Shorting Cap
OA/RA1014=120V Photocontrol
MA1252=10kV Surge Module Replacement
MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon
MA1037-XX=2 @ 180° Tenon Adapter for 2-3/8" O.D. Tenon
MA1197-XX=3 @ 120° Tenon Adapter for 2-3/8" O.D. Tenon
MA1188-XX=4 @ 90° Tenon Adapter for 2-3/8" O.D. Tenon
MA1189-XX=2 @ 90° Tenon Adapter for 2-3/8" O.D. Tenon
MA1190-XX=3 @ 90° Tenon Adapter for 2-3/8" O.D. Tenon
MA1191-XX=2 @ 120° Tenon Adapter for 2-3/8" O.D. Tenon
MA1038-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon
MA1039-XX=2 @ 180° Tenon Adapter for 3-1/2" O.D. Tenon
MA1192-XX=3 @ 120° Tenon Adapter for 3-1/2" O.D. Tenon
MA1193-XX=4 @ 90° Tenon Adapter for 3-1/2" O.D. Tenon
MA1194-XX=2 @ 90° Tenon Adapter for 3-1/2" O.D. Tenon
MA1195-XX=3 @ 90° Tenon Adapter for 3-1/2" O.D. Tenon
FSIR-100=Wireless Configuration Tool for Occupancy Sensor [31]
GLEON-MT1=Field Installed Mesh Top for 1-4 Light Squares
GLEON-MT2=Field Installed Mesh Top for 5-6 Light Squares
GLEON-MT3=Field Installed Mesh Top for 7-8 Light Squares
GLEON-MT4=Field Installed Mesh Top for 9-10 Light Squares
GLEON-QM=Quick Mount Arm Kit [10]
GLEON-QM-EA=Quick Mount Extended Length Arm Kit [11]
LS/HSS=Field Installed House Side Shield [28,32]

NOTES:
1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
2. DesignLights Consortium™ Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Standard 4000K CCT and minimum 70 CRI.
4. Not compatible with extended quick mount arm (QMEA).
5. Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA).
6. Requires the use of a step down transformer when combined with MS/DIM, MS/X or DIMRF.
7. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
8. May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table.
9. Factory installed.
10. Maximum 8 light squares.
11. Maximum 6 light squares.
12. 2L is not available with MS/X or MS/DIM at 347V or 480V. 2L in AE-02 through AE-04 requires a larger housing, normally used for AE-05 or AE-06. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table.
13. Not available with LumaWatt wireless sensors.
14. Extended lead times apply. Use dedicated IES files for 3000K and 6000K when performing layouts. These files are published on the Galleon luminaire product page on the website.
15. Extended lead times apply. For 8030, factor 7030 IES files x .92 (8% lumen loss). For 7050, use 7060 IES files.
16. 1 Amp standard. Use dedicated IES files for 530mA and 700mA when performing layouts. These files are published on the Galleon luminaire product page on the website.
17. 50°C lumen maintenance data applies to 530mA and 700mA drive currents.
18. Consult factory for more information.
19. Utilizes internal step-down transformer when 347V or 480V is selected.
20. The FSIR-100 accessory is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
21. Not available with HA option.
22. Approximately 22' detection diameter at 8' mounting height.
23. Approximately 40' detection diameter at 20' mounting height.
24. Approximately 60' detection diameter at 40' mounting height.
25. Approximately 100' detection diameter at 40' mounting height.
26. Replace X with number of light squares operating in low output mode.
27. LumaWatt wireless sensors are factory installed only requiring network components RF-EM-1, RF-GW-1 and RF-ROUT-1 in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.
28. Not available with house side shield (HSS).
29. Only for use with SL2, SL3, SL4 and AFL distributions. The Light Square trim plate is painted black when the HSS option is selected.
30. CE is not available with the DIMRF, MS, MS/X, MS/DIM, P, R or PER7 options. Available in 120-277V only.
31. This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
32. One required for each Light Square.

McGraw-Edison

DESCRIPTION

The Galleon™ wall and pedestrian LED luminaire's appearance is complementary with the Galleon area and site luminaire bringing a modern architectural style to lighting applications. Flexible mounting options accommodate wall surfaces, pole, and mast arm applications allowing it to be offered as a pedestrian or site lighting, solution. The Galleon family of LED products deliver exceptional performance with patented, high-efficiency AccuLED Optics™, providing uniform and energy conscious lighting for parking lots, building and security lighting applications.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Driver enclosure thermally isolated from optics for optimal thermal performance. Heavy wall aluminum housing die-cast with integral external heat sinks to provide superior structural rigidity and an IP66 rated housing. Optional tool-less hardware available for ease of entry into electrical chamber. Overall construction passes a 1.5G vibration test to ensure mechanical integrity.

Optics
Choice of thirteen patented, high-efficiency AccuLED Optics. The optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 5700K, 5000K and 3000K CCT. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 530mA and 700mA drive currents.

Electrical
LED drivers are mounted for ease of maintenance. 120-277V 50/60Hz, 347V or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Drivers are provided standard with 0-10V dimming. An optional Eaton proprietary surge protection module is available and designed to withstand 10kV of transient line surge. The Galleon Wall LED luminaire is suitable for operation in -30°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option.

Mounting
In addition to wall mounting , the innovative quick mounting arm attaches to new or existing 4-5" round or square poles with 1-1/2" to 4-7/8" drilling patterns without re-drilling. Optional mast arm adapter fits horizontal 2-3/8" tenon.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

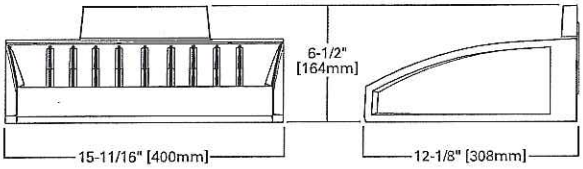
Warranty
Five-year warranty.

GWC GALLEON WALL AND PEDESTRIAN LUMINAIRE

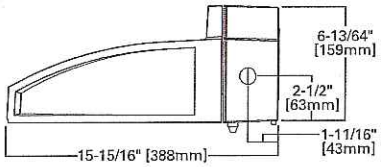
1-2 Light Squares
Solid State LED

WALL AND POLE MOUNT LUMINAIRE

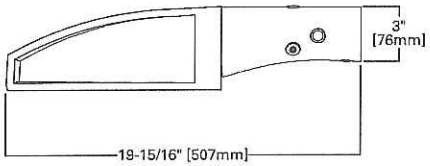
DIMENSIONS



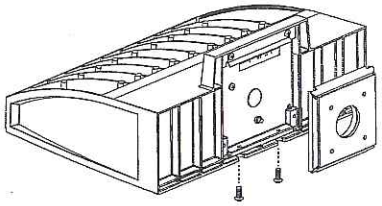
BATTERY BACKUP AND THRU-WIRE BACKBOX (AVAILABLE APRIL 2016)



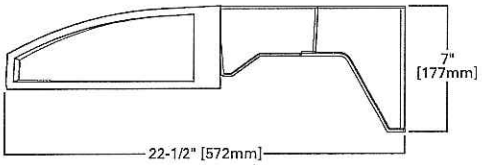
MAST ARM MOUNT



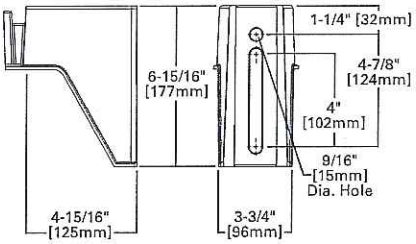
HOOK-N-LOCK MOUNTING



QUICK MOUNT ARM (OVERALL DIMENSIONS)



QUICK MOUNT ARM (POLE MOUNTING DETAILS)



CERTIFICATION DATA

UL/cUL Listed
LM79 / LM80 Compliant
IP66 Housing
ISO 9001
DesignLights Consortium™ Qualified*

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 & 60Hz, 347V/60Hz, 480V/60Hz
-30°C Minimum Temperature
40°C Ambient Temperature Rating

SHIPPING DATA

Approximate Net Weight:
27 lbs. (12.2 kgs.)

*www.designlights.org

POWER AND LUMENS

Number of Light Squares		1			2		
Drive Current		530mA	700mA	1A	530mA	700mA	1A
Power (Watts)		29W	39W	56W	58W	77W	112W
Input Current @ 120V (mA)		270	350	510	490	650	960
Input Current @ 208V (mA)		160	210	300	280	380	560
Input Current @ 240V (mA)		140	180	260	250	330	480
Input Current @ 277V (mA)		120	160	230	210	280	420
Power (Watts)		36W	46W	68W	65W	83W	123W
Input Current @ 347V (mA)		110	140	200	190	240	360
Input Current @ 480V (mA)		320	410	580	550	700	1,040
Optics							
T2	Lumens	3,195	4,000	5,472	6,297	7,881	10,783
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2
T3	Lumens	3,228	4,041	5,528	6,362	7,963	10,894
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2
T4FT	Lumens	3,237	4,051	5,543	6,378	7,983	10,922
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2
T4W	Lumens	3,190	3,992	5,462	6,285	7,867	10,763
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2
5MQ	Lumens	3,405	4,262	5,831	6,710	8,398	11,490
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
5WQ	Lumens	3,455	4,324	5,917	6,809	8,522	11,659
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2
5NQ	Lumens	3,319	4,154	5,684	6,540	8,186	11,200
	BUG Rating	B2-U0-G0	B2-U0-G0	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1
SL2	Lumens	3,120	3,905	5,343	6,149	7,696	10,529
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2
SL3	Lumens	3,152	3,945	5,397	6,211	7,773	10,635
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
SL4	Lumens	3,037	3,801	5,200	5,984	7,490	10,247
	BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
SLL/SLR	Lumens	2,751	3,444	4,711	5,422	6,786	9,284
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
RW	Lumens	3,250	4,068	5,565	6,404	8,016	10,967
	BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
25 C	> 94%	> 350,000
40 C	> 93%	> 250,000
50 C	> 90%	> 170,000

* 50°C lumen maintenance data applies to 530mA and 700mA drive currents.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0 C	1.02
10 C	1.01
25 C	1.00
40 C	0.99
50 C	0.97

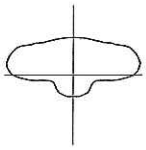
COLOR TEMPERATURE

Color Temperature (CCT)	Color Rendering Index (CRI)	Multiplier
3000	70	0.91
4000	70	1.00
5000	70	1.03
5700	70	1.03

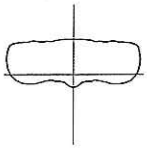
OPTICAL DISTRIBUTIONS

Asymmetric Area Distributions

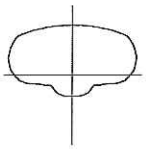
T2
(Type II)



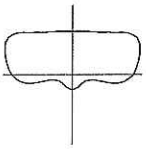
SL2
(Type II with Spill Control)



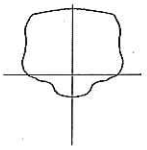
T3
(Type III)



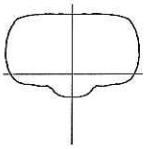
SL3
(Type III with Spill Control)



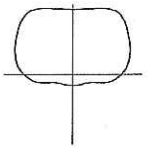
T4FT
(Type IV Forward Throw)



T4W
(Type IV Wide)

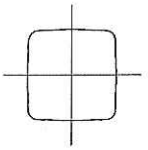


SL4
(Type IV with Spill Control)



Symmertric Distributions

5NQ
(Type V Square Narrow)



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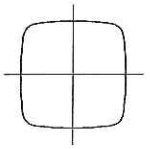

5WQ
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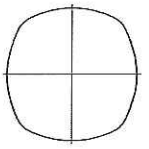

Specialized Distributions

RW
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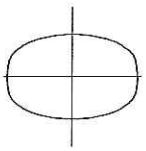
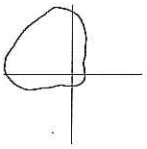
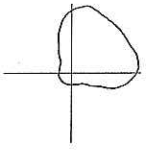


SLL
(90° Spill Light Eliminator Left)



SLR
(90° Spill Light Eliminator Right)



ORDERING INFORMATION

Sample Number: GWC-AE-02-LED-E1-T3-GM

Product Family [1]	Light Engine	Number of Light Squares [2]	Lamp Type	Voltage	Distribution	Color	Mounting Options
GWC=Galleon Wall	**AE**=1A Drive Current	**01**=1 **02**=2 [3]	**LED**=Solid State Light Emitting Diodes	**E1**=120-277V **347**=347V [4] **480**=480V [4,5]	**T2**=Type II **T3**=Type III **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right **RW**=Rectangular Wide Type I **5NQ**=Type V Square Narrow **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White **CC**=Custom Color [6]	**MA**=2-3/8" Mast Arm [7,8] **QM**=Quick Mount Arm for Round or Square Pole [7,9]

Options (Add as Suffix)	Accessories (Order Separately)
530=Drive Current Factory Set to 530mA **700**=Drive Current Factory Set to 700mA **P**=Button Type Photocontrol (120, 208, 240 or 277V) **R**=NEMA Twistlock Photocontrol Receptacle **PER7**=NEMA 7-PIN Twistlock Photocontrol Receptacle [10,11] **LCF**=Light Square Trim Plate Painted to Match Housing [13] **7030**=70 CRI / 3000K [14] **7050**=70 CRI / 5000K [14] **7060**=70 CRI / 6000K [14] **L90**=Optics Rotated 90° Left **R90**=Optics Rotated 90° Right **DIMRF-LW**=LumaWatt Wireless Sensor, Wide Lens for 8' - 16' Mounting Height [15,16] **DIMRF-LN**=LumaWatt Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height [15,16] **MS-LXX**=Motion Sensor for On/Off Operation [17] **MS/DIM-LXX**=Motion Sensor for Dimming Operation [17,18,19] **DIM**=0-10V Dimming Drivers [18,20] **HSS**=Factory Installed House Side Shield [21] **HA**=50°C High Ambient [22] **F**=Single Fused (120, 277 or 347V. Must Specify Voltage) **FF**=Double Fused (208, 240 or 480V. Must Specify Voltage) **10K**=10kV Surge Module **Dali**=Dali Driver [23] **CE**=CE Marking and Small Terminal Block [24] **MT**=Factory Installed Mesh Top	**OA/RA1013**=Photocontrol Shorting Cap **OA/RA1016**=NEMA Photocontrol - Multi-Tap 105-285V **OA/RA1201**=NEMA Photocontrol - 347V **OA/RA1027**=NEMA Photocontrol - 480V **MA1252**=10kV Circuit Module Replacement **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [19]

NOTES:
1. DesignLight Consortium™ Qualied. Refer to www.designlights.org Qualified Products List under Family Models for details.
2. Standard 4000K CCT and minimum 70 CRI.
3. Two light squares with BBB or CWB options uses two drivers and limited to 20°C, 120-277V only.
4. Requires the use of a step down transformer.
5. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
6. Custom colors are available. Setup charges apply. Paint chip samples required. Extended Lead times apply.
7. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
8. Mast arm adapter factory installed (2-3/8" O.D. arm only). Suitable for 3G vibration.
9. Quick mount arm adapter is factory installed. Pole mouting bracked shipped in box. Suitable for 1.5G. Fits square and round pole up to 5" O.D.
10. Cannot be used with other control options. Backward compatible with standard PCR.
11. Compatible with standard 3-PIN photocontrols, 5-PIN or 7-PIN ANSI controls.
12. Not available with HA option. Operates a single light square only. Cold weather option operates -20°C to +40°C, standard 0°C to +40°C. Back box is non-IP rated.
13. Not available with HSS option.
14. Extended lead times apply. Use dedicated IES files when performing layouts.
15. LumaWatt wireless sensors are factory installed only requiring network components RF-EM-1, RF-GW-1 and RF-ROUT-1 in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.
16. Bronze sensor is shipped with Bronze fixtures. White sensor shipped on all other housing color options.
17. Replace LXX with mounting height in feet for proper lens selection (e.g., L8=8' mounting height). L8, L20 and L40 are available options.
18. Not available with one light square configuration.
19. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
20. Low voltage control lead brought out 18" outside fixture.
21. Only for use with SL2, SL3 and SL4 distributions. The light square trim plate is painted black when the HSS option is selected.
22. Not available with BBB and CWB options or LumaWatt wiresless sensors.
23. Dali driver only available in single square with BBB and CWB or HA options.
24. CE is not available with the DIMRF, MS, MS/X, MS/DIM, P, R or PER7 options. Available in 120-277V only.

Available April 15, 2016

Options (Add as Suffix)
BBB=Battery Pack with Back Box [2,3,12] **CWB**=Cold Weather Battery Pack with Back Box [2,3,12] **UPL**=Uplight Housing (Not available with Back Box)
Accessories (Order Separately)
MA1058XX=Thru-Branch Wiring Back Box (Must Specify Color)

EXHIBIT D

THE BOYS AND GIRLS CLUB OF NOBLESVILLE REZONING APPLICATION

WAIVER REQUESTS

1. The Applicant is requesting that the landscaping requirement be reduced in certain areas. Because the property has two front yards and two side yards (17th St. and Conner St.), and because of the adjacent uses, as well as cost, the landscaping that is illustrated on the landscaping plan is adequate and meets the spirit of the ordinance as per attached Exhibit B.

2. The Applicant is requesting approval of the location of the screened dumpster as shown on the site plan. Because of the "two front yard" circumstance and other site considerations, the Applicant believes this is the only logical site for the dumpster without impairing other site needs as per Exhibit B.

3. The Applicant is requesting that the requirement for interior parking lot islands be eliminated in order to increase parking capacity and facilitate snow removal and other maintenance as per Exhibit B.

4. The Applicant is requesting a waiver of the required parking capacity for the site. Because the children attending the club daily are dropped off and picked up, they do not require parking during their stay. To accommodate parking capacity for special events, there is an agreement in place with Ivy Tech to share parking as per Exhibit B and Exhibit E.

EXHIBIT E

FACILITY USE AGREEMENT

This Facility Use Agreement ("Agreement") is entered into by and between the Boys and Girls Club of Noblesville, Inc. ("Club") and Ivy Tech Community College of Indiana ("Ivy Tech").

A. In the first quarter of 2013, Ivy Tech, Noblesville Schools ("Schools"), Hamilton County, Indiana ("County") and the City of Noblesville, Indiana ("City") entered into an interlocal agreement that provided for the sale of the Schools' East Middle School property ("EMS site") to the County with the County and the City providing funds for this purchase and the renovation of the EMS site and improvements thereon. This sale accommodated the development of an Ivy Tech campus at the EMS site as the County leased the property to Ivy Tech.

B. At the time of the interlocal agreement, the Schools and the Club had access to and use of the EMS site for parking to accommodate the School's use of its football field located adjacent to the EMS site and the Club's use of its facilities located to the south of the EMS site. The interlocal agreement specifically provides that the sale is subject to accommodation of the continued use of the EMS site by the Schools and the Club.

C. Ivy Tech and Schools have entered into a Facility Use Agreement to provide for the Schools' access to parking and facilities on the EMS site.

D. Subsequent to the interlocal agreement, the City acquired property south of the EMS site from the Schools that was once the site of Conner Elementary School (the "Club Property). The City transferred the Club Property to the Club and the Club is constructing improvements on the Club Property to provide additional programming consistent with its mission.

E. As provided in the interlocal agreement, Ivy Tech, the Schools and the Club currently cooperate in the use of the EMS site to accommodate the needs of the Schools and Club to have access to that site and for parking for events. Representatives of those parties maintain contact with each other regarding upcoming events and uses and none of the parties report any material conflicts that have inhibited productive use of the EMS site by all parties.

F. As part of the approval of the Club's improvements on the Club Site, the City has asked for written agreements regarding the Club's access and parking on the EMS site.

D. Ivy Tech and Club enter into this Agreement to regulate the use of the EMS site and their adjacent properties consistent with the interlocal agreement.

IT IS THEREFORE agreed by the Parties as follows:

1. Club shall be granted license from Ivy Tech to the parking lots on the EMS site to accommodate parking by those attending Club events. This license is subject to and subordinate to the license granted to Schools for varsity football games.

2. The license granted to the Club is on a first come, first serve basis as Ivy Tech's students, faculty, and staff and/or the Schools may be using the lots during those same times.

3. During the use of the parking lots, the Club agrees to the following:

a. The Club will endeavor to keep the parking lots in as good order and condition as the same were in prior to each Club use. The Club will cooperate with Ivy Tech in policing the lots to ensure any trash left in the parking lots is cleaned up and placed in trash containers maintained by Ivy Tech or the Schools.

b. Club agrees to assume all risk of damage to and loss or theft of its property when parked on the EMS site and will indemnify Ivy Tech for all claims for damages to property and injury or death to persons related to the Club's use of the parking lot. Club waives all claims against Ivy Tech, its Trustees, and their officers, agents, and employees against all claims, suits liabilities, costs, damages and expenses (including reasonable attorney's fees) arising out of or in connection with: (i) Club's use of the parking lot, or any activity or thing done, performed, or suffered by Club, its agents, its employees, students, invitees or persons attending or participating in the activities at the Club; or (ii) any loss, injury, death or damage to persons or the locker room facilities and parking lot by reason of any act omission or negligence of Club, or any of its agents, its contractors, its employees, licensees, or invitees; or (iii) any breach or default in the performance of any obligation on Club's part to be performed under the terms of this Agreement. Club's indemnity obligations will not extend to any liability to the extent caused by the negligence of Ivy Tech or its agents or employees.

4. Club shall maintain comprehensive general commercial liability insurance in an amount of not less than one million dollars ($1,000,000), against all claims, demands or actions for injury to or death of any one person or for injury to or death of more than one person in any one accident including damage to property, or arising from, relating to, or connected with the conduct and operations of Club associated with its events being held at the Club. This insurance must name Ivy Tech Community College of Indiana as additional insureds and Club must provide Ivy Tech with a certificate evidencing this insurance coverage on at least an annual basis.

5. The term of the Agreement shall be for one (1) year beginning on July 1, 2016, and ending June 30, 2017. This Agreement will be renewed annually unless the Club provides written notification to Ivy Tech at least sixty (60) days prior to the end of the then current term that it is not renewing the Agreement. The Club and Ivy Tech will continue to cooperate (along with Schools) in communicating parking needs and concerns.

6. Nothing in this Agreement shall be deemed to make Ivy Tech and Club partners or joint venturers or to create a relation of principal and agent between them, nor shall either Ivy Tech or Club hold itself out as a joint venturer, partner, or agent of the other contrary to the

terms of this Agreement by advertising or otherwise. Neither party shall be bound by any representation, act or omission of the other made contrary to the provisions of this Agreement.

7. This Agreement and its Attachments, if any, contain all the terms between the parties and may be amended only in writing signed by both parties.

THIS AGREEMENT is entered into effective on the 1st day of July, 2016.

IVY TECH COMMUNITY COLLEGE OF INDIANA

Daniel Lee Clark

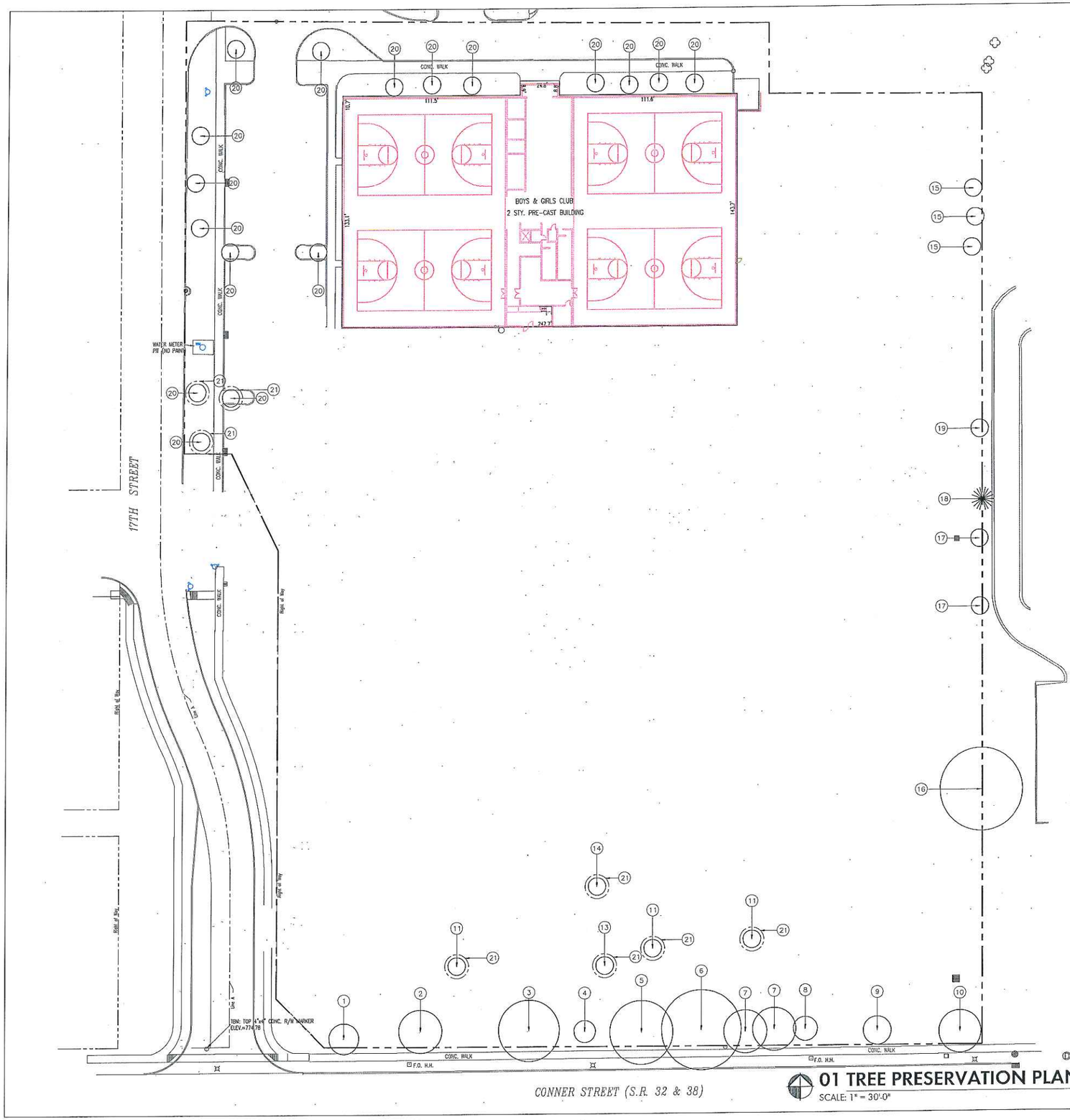
Daniel Clark, Campus President
Noblesville Campus
5/20/16

BOYS AND GIRLS CLUB OF NOBLESVILLE, INC.

Becky Terry

Becky Terry, Executive Director
7/26/2016

EXHIBIT F



01 TREE PRESERVATION PLAN
SCALE: 1" = 30'-0"

TREE PROTECTION GENERAL NOTES:

1. WHEN EARTHWORK, GRADING, OR CONSTRUCTION ACTIVITIES ARE PLANNED ADJACENT TO A NATURAL AREA, A LIMIT OF DISTURBANCE LINE WILL BE DESIGNATED ON THE CONSTRUCTION PLANS AND TREE PRESERVATION PLAN. ALL SUCH AREAS SHALL BE PROTECTED THROUGH INSTALLATION OF TEMPORARY FENCING, BARRIERS, OR OTHER MEASURES APPROVED BY THE DIRECTOR OF PLANNING. SUCH FENCING, BARRIERS, OR OTHER MATERIALS SHALL BE INSTALLED AND IDENTIFIED THROUGH SIGNAGE AS A "TREE PRESERVATION ZONE" (MULTIPLE SIGNS) PRIOR TO COMMENCING LAND DISTURBANCE, AND SHALL REMAIN THROUGHOUT THE PERIOD OF CONSTRUCTION.
2. UTILIZE 4' TALL, ORANGE SAFETY PLASTIC FENCING W/OVAL PATTERN BARRIER TO PROTECT TREES DURING SITE DEVELOPMENT. THE ROOT ZONE OF TREES SHALL INCLUDE NO LESS THAN THE TOTAL AREA BENEATH THE TREE(S) CANOPY AS DEFINED BY THE FARTHEST CANOPY OF THE TREE(S) PLUS A FIVE-FOOT (5) WIDE PROTECTION BUFFER.
3. GRADE CHANGES ADJACENT TO TREE PRESERVATION ZONES SHALL NOT RESULT IN ALTERATION TO SOIL OR DRAINAGE CONDITIONS THAT WOULD ADVERSELY AFFECT EXISTING VEGETATION. THESE AREAS SHALL BE EVALUATED FOR FLOOD TOLERANCE AND STORM WATER ROUTED AROUND THESE AREAS DEEMED INTOLERANT OF AN INCREASE OF ADDITIONAL WATER FLOW.
4. CONSTRUCTION SITE ACTIVITIES SUCH AS PARKING, MATERIAL STORAGE, BURRY PITS, CONCRETE WASHOUT, ETC., SHALL NOT BE ALLOWED WITHIN THE TREE PRESERVATION ZONE.
5. NO DISTURBANCE SHALL BE PERMITTED WITHIN THE TREE PRESERVATION ZONE INCLUDING TRENCHING, BACKFILLING, DRIVING OR PARKING EQUIPMENT, AND/OR DUMPING OF TRASH, OIL, PAINT, OR OTHER MATERIALS DETRIMENTAL TO PLANT HEALTH. NO VEHICLES, MACHINERY, TOOLS, CHEMICALS, CONSTRUCTION MATERIALS, OR TEMPORARY SOIL DEPOSITS SHALL BE PERMITTED WITHIN SUCH BARRIERS. NO NOTICES OR OTHER OBJECTS SHALL BE NAILED OR STAPLED TO PRESERVED TREES.
6. MATURE TREES SHALL NOT BE TOPPED. THE TREES SHALL BE PRUNED ACCORDING TO PROCEDURES ESTABLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE A300 PRUNING STANDARDS.
7. REMOVAL OF EXISTING NATURAL AREAS AND ANY TREES SHALL BE SUBJECT TO INSPECTIONS TO VERIFY COMPLIANCE WITH PROTECTION PLAN.

TREE PROTECTION KEY NOTES:

1. 18" CALIPER MAPLE
2. 36" TWIN TULIP POPLAR
3. 36" REDBUD
4. 12" DOGWOOD
5. 42" MAPLE
6. 48" MAPLE
7. 24" TULIP POPLAR
8. 12" MAPLE
9. 14" OAK
10. 24" MAPLE
11. 8" ASH
12. 8" TRIPLE STEM RIVER BIRCH
13. 10" MAPLE
14. 6" CRABAPPLE
15. 8" CRABAPPLE
16. 48" ELM
17. 10" APPLE
18. 14" NORWAY SPRUCE
19. 12" BRADFORD PEAR
20. 4" CRABAPPLE
21. TREE PROTECTION BARRIER (TYP.)

TREE PRESERVATION CREDITS

DIAMETER OF TREE (MEASURED AT 4' ABOVE GRADE)	NUMBER OF TREES	NUMBER OF CREDITS
TREES FROM 2.6 TO 5.9 INCHES AT 1 CREDIT EACH	17	17
TREES FROM 6 TO 17.9 INCHES AT 2 CREDITS EACH	15	30
TREES FROM 18 INCHES OR GREATER AT 3 CREDITS EACH	9	27
TOTAL NUMBER OF CREDITS		77

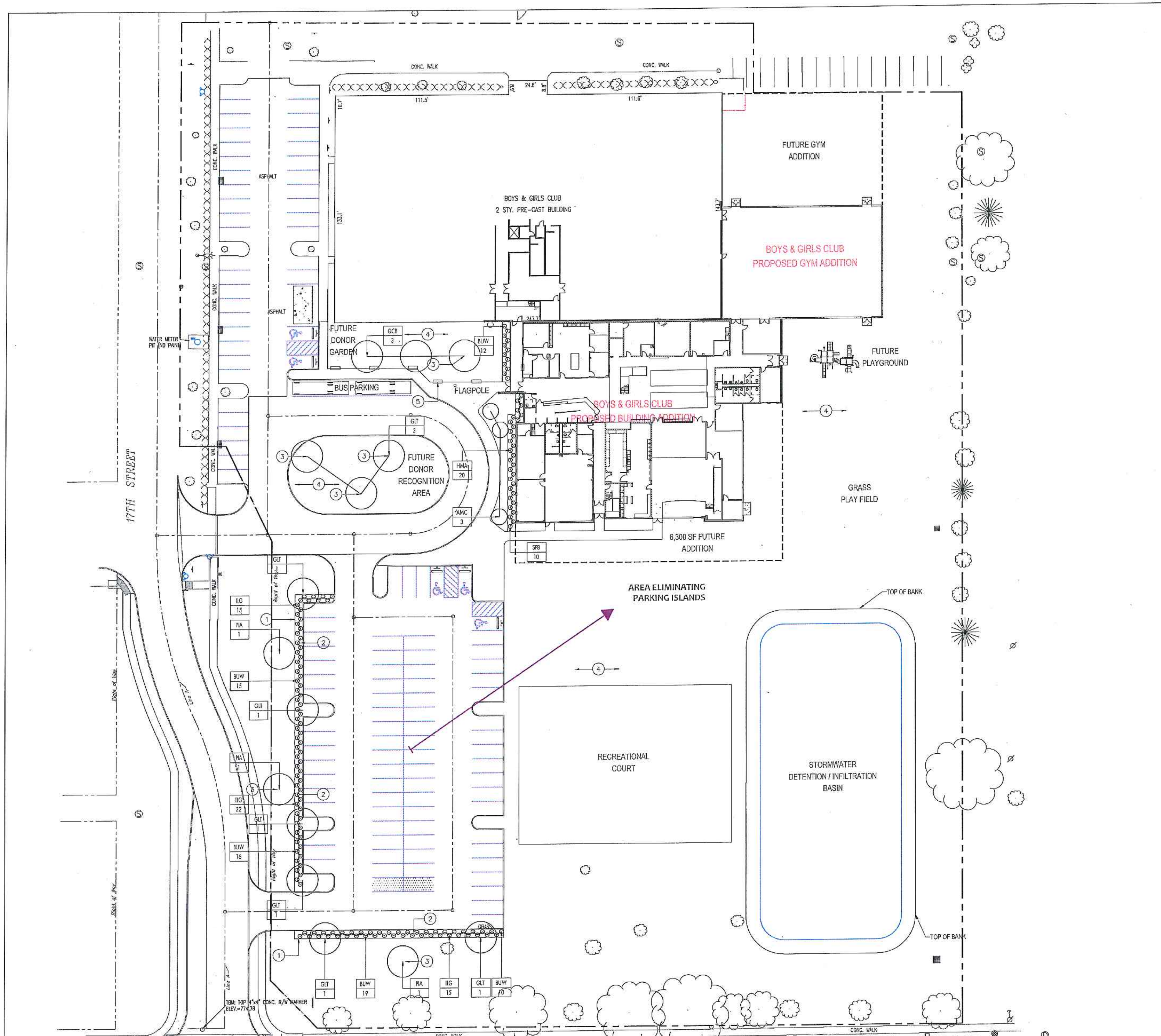
AXIS
618 East Market Street
Indianapolis, IN 46202
ph 317.264.8161 fx 317.264.8165
axisarch.com

Boys & Girls Club of Noblesville
1448 Conner Street
Noblesville, IN 46060

TREE PRESERVATION PLAN

L101

PROJECT NUMBER 15028



01 LANDSCAPE PLANTING PLAN

SCALE: 1" = 30'-0"

PLANTING GENERAL NOTES:

1. NOTIFY OWNER/LANDSCAPE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN SPECIFICATIONS AND DRAWINGS, PRIOR TO CONSTRUCTION.
2. LANDSCAPE ARCHITECT AND OWNER TO INSPECT ALL PLANT LOCATIONS AND PLANT BED EDGES PRIOR TO INSTALLATION. ON-SITE ADJUSTMENTS WILL BE REQUIRED. CONTRACTOR SHALL MAKE OWN PLANT QUANTITY TAKE-OFFS USING DRAWINGS, SPECIFICATIONS, AND PLANTING SCHEDULE. CONTRACTOR TO VERIFY BED MEASUREMENTS AND INSTALL APPROPRIATE QUANTITIES AS GOVERNED BY PLANT SPACING. CONTRACTOR SHALL ACCOUNT FOR ALL SLOPES IN MATERIAL QUANTITY CALCULATIONS.
3. THE CONTRACTOR SHALL INSTALL TOPSOIL IN ALL PROPOSED PLANTED AREAS. THE EARTHWORK CONTRACTOR AND THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF TOPSOIL, PRIOR TO THE OWNER/LANDSCAPE ARCHITECT VERIFYING THE EXISTENCE OF SUITABLE TOPSOIL AND FINISH GRADE. THE OWNER/LANDSCAPE CONTRACTOR SHALL VERIFY DEPTH OF TOPSOIL PRIOR TO PLANT INSTALLATION.
4. SEE PLANTING SCHEDULE AND PLANTING DETAIL SHEET FOR TYPICAL CONSTRUCTION DETAILS AND FURTHER REQUIREMENTS.
5. COORDINATE ALL PLANTING WORK WITH SITEWORK CONTRACTORS TO ENSURE THEIR COMPLETION OF SITEWORK BEFORE BEGINNING THE FINAL PLANTING PROGRESS.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRACKED ONTO ANY PUBLIC OR PRIVATE STREETS OR SIDEWALKS. THE CONTRACTOR MUST CLEAN THESE DAILY IF NECESSARY. THE CONTRACTOR MUST USE WATER OR OTHER METHODS TO KEEP AIRBORNE DUST TO A REQUIRED MINIMUM.
7. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND QUANTIFYING THE EXISTENCE OF SUITABLE TOPSOIL - SEE SPECIFICATIONS FOR TOPSOIL TESTING, AMENDING AND STRIPPING AND STOCKPILING REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER/ARCHITECT WITH A TOPSOIL TEST ANALYSIS. IF SUITABLE TOPSOIL IS NOT PRESENT ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TOPSOIL ACCORDING TO THE PLANS, DETAILS, AND SPECIFICATIONS. TOPSOIL SHALL BE TRANSITIONED INTO SUBGRADE ACCORDING TO LANDSCAPE DETAILS AND SPECIFICATIONS.
8. ALL PLANT BEDS TO RECEIVE 2" MIN. OF MULCH (UNLESS OTHERWISE NOTED) - SEE SPECS. THE USE OF COMPOST MIXES IN PERENNIAL, ORNAMENTAL GRASSES AND GROUND COVER BEDS IS ACCEPTABLE.
9. ALL TREE PITS TO BE DUG IN ADVANCE OF PLANTING AND EACH TREE PIT TO BE TESTED FOR ADEQUATE DRAINAGE. SEE SPECIFICATIONS FOR INSTRUCTIONS OF HOW TO ADMINISTER THE TEST FOR RATE OF PERCOLATION. PROVIDE DRY WELL IF DETERMINED NECESSARY BY LANDSCAPE ARCHITECT.
10. EXISTING PLANTS SHOWN ON THIS DRAWING THAT ARE NOT LABELED ARE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION BY GC.

KEY NOTES

(1) LINE DENOTES SPADE EDGE LANDSCAPE BED W/HARDWOOD BARK MULCH

(2) AREA TO BE COVERED BY HARDWOOD BARK MULCH

(3) 3' X 3' SPADE EDGE LANDSCAPE BED W/HARDWOOD BARK MULCH AT BASE OF TREE

(4) SEED AREA

(5) FUTURE BENCH SEATING, TYP.

PLANT LIST

Trees	Key	Scientific Name	Common Name	Size
	ACR	Acer rubrum 'Franksred'	Red Sunset Red Maple	2 1/2" caliper
	AMC	Amelanchier canadensis	Shadblow Serviceberry	min. 8' tall, 1 1/2" caliper
	CCI	Crataegus crus-galli inermis 'Cruzam'	Thornless Cockspur Hawthorn	min. 8' tall, 1 1/2" caliper
	GLT	Gleditsia tracanthos inermis 'Skycole'	Skyline Honeylocust	2 1/2" caliper
	PIA	Picea abies	Norway Spruce	min. 6' tall
	QCB	Quercus bicolor	Swamp Oak	2 1/2" caliper
Shrubs				
	BUW	Buxus microphylla 'Wintergreen'	Wintergreen Boxwood	min. 18" tall
	HMA	Hydrangea macropyhlla 'All Summer Beauty'	All Summer Beauty Hydrangea	min. 18" tall
	ILG	Ilex crenata 'Green luster'	Green Luster Holly	min. 18" tall
	SPB	Spirea betulifolia 'Tor'	Birchleaf Spirea	min. 18" tall

AXIS

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axisarch.com

DRAWN BY DWS
CHECKED BY DDW
DATE ISSUED JUNE 23, 2016

REVISIONS:

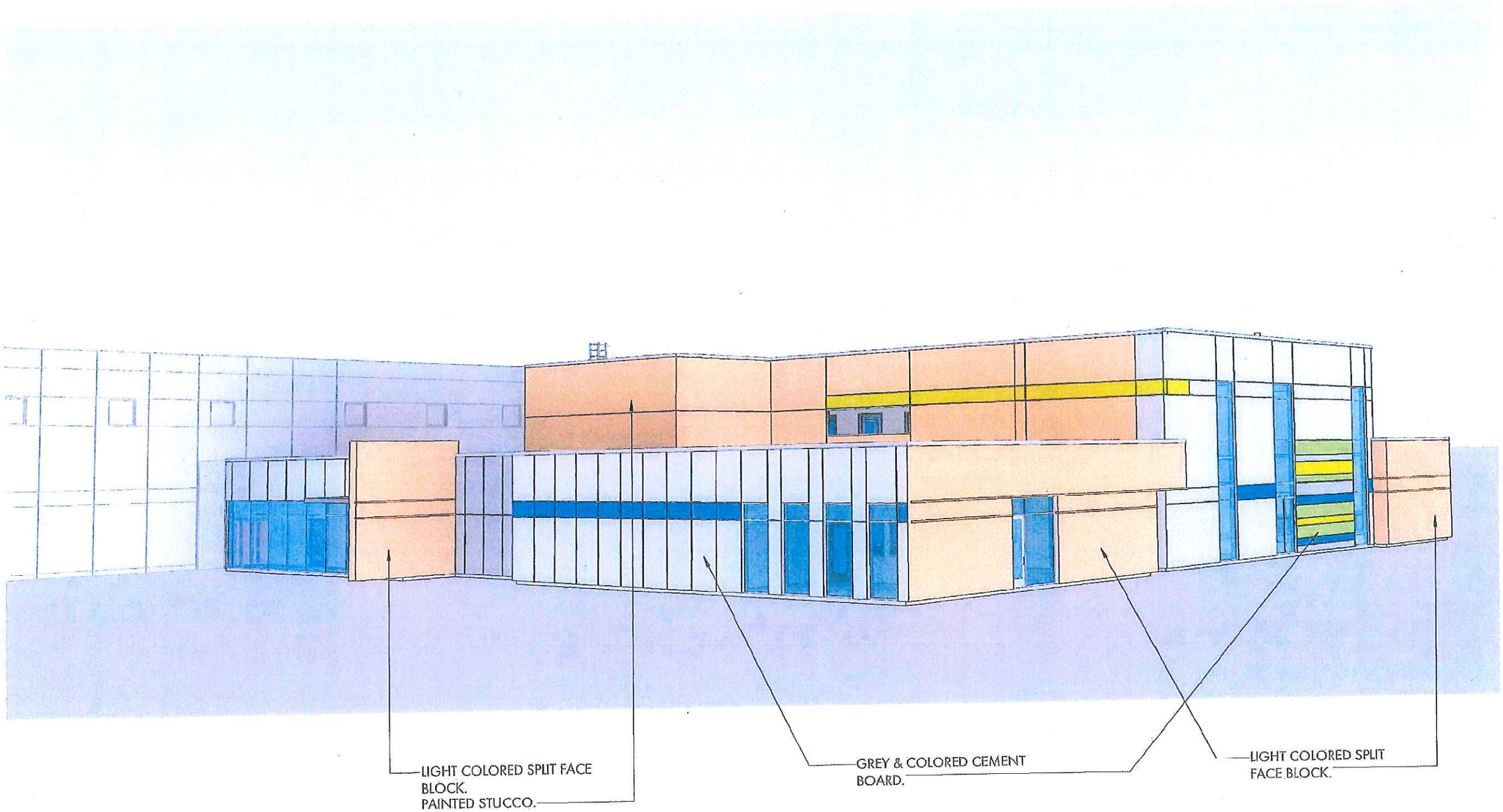
Boys & Girls Club of Noblesville

1448 Conner Street
Noblesville, IN 46060

LANDSCAPE PLANTING PLAN

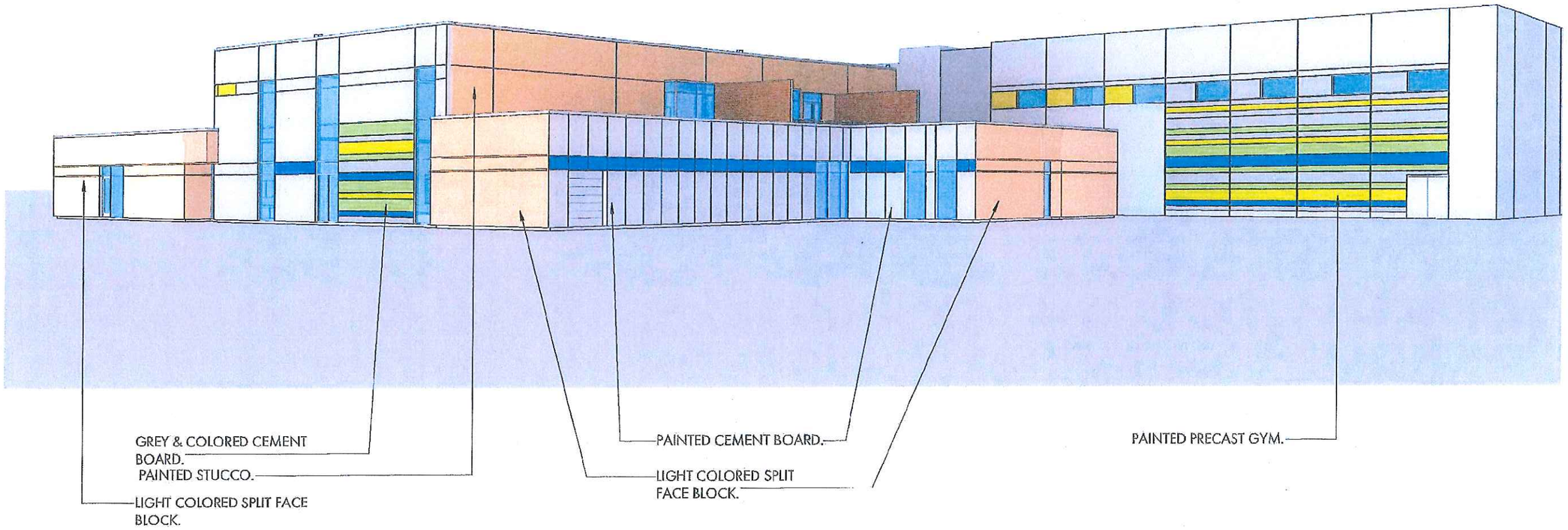
L201

PROJECT NUMBER. 15028



1 EXTERIOR PERSPECTIVE - VIEW 1

SCALE:



2 EXT PERSPECTIVE - VIEW 2

SCALE: