





SUMMIT PARK CHURCH PRELIMINARY DEVELOPMENT PLAN SECTION 7, TOWNSHIP 47N, RANGE 31W

IN LEE'S SUMMIT, JACKSON COUNTY, MO

1"=500'

PROPERTY DESCRIPTION :

THE CHURCH ACRES LOT 1 (EXISTING POINT N OF & ADJACANT TO LOT 160 HINSDALE DAF: BEGINNING IN THE NE CORNER LOT 160 THEN W ALONG N LINE SD LOT 129.04' THEN N4" E 18.55' THEN S83" E 128.35' THEN S TO POINT OF BEGINNING.



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DEMOLITION NOTES: GENERAL NOTES: 1. ALL PAVING DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED. 1. CONTRACTOR SHALL BE RESPONSIBLE FOR RAISING AND REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. 2. REFER TO DETAIL SHEET FOR INSTALLATION OF SIGNS. 2. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS 3. CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN GRADE AND ALIGNMENT AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL TO PROVIDE SMOOTH SURFACE TRANSITIONS BETWEEN NEW ENTRANCE DRIVES REGULATIONS GOVERNING SUCH OPERATIONS. AND EXISTING STREETS. 3. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE OWNER'S SITE WORK SPECIFICATIONS. 4. CONTRACTOR SHALL MATCH EXISTING CURB & GUTTER IN GRADE, SIZE, TYPE, AND ALIGNMENT AT CONNECTIONS TO EXISTING STREETS. 4. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE AND ADJUSTMENTS DUE TO CONFLICTS OR GRADING TO ANY EXISTING STRUCTURES OR UNDERGROUND UTILITIES THAT ARE TO REMAIN IN PLACE. 5. ALL WORK ON THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH THE OWNER'S SITE WORK SPECIFICATIONS. 5. ALL ITEMS DESIGNATED TO BE DEMOLISHED AND REMOVED FROM THE SITE SHALL BE DISPOSED OF IN AN APPROPRIATE LOCATION IN ACCORDANCE WITH STATE OR LOCAL GUIDELINES. 6. ALL TRAFFIC CONTROL SIGNS SHALL BE FABRICATED AS SHOWN IN THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND 6. PUBLIC STREETS AND SIDEWALKS SHALL BE KEPT CLEAN AND CLEAR OF TRASH AND DEBRIS FROM DEMOLITION HIGHWAYS. OPERATIONS AT ALL TIMES. 7. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST AND EROSION CONTROL DURING DEMOLITION OPERATIONS. AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, SIDEWALK AND SPECIFIC BUILDING AREA 8. THE CONTRACTOR SHALL COORDINATE WITH ALL APPLICABLE UTILITY COMPANIES PRIOR TO REMOVAL OR RELOCATION OF TREATMENTS AND IMPROVEMENTS. FOR EXACT BUILDING DIMENSIONS, SEE ANY UTILITIES AND TO SAFELY STOP SERVICES AND DISMANTLE SERVICE LINES PRIOR TO BEGINNING DEMOLITION OPERATIONS. ARCHITECTURAL PLANS. CONTRACTOR TO STAKE AND CONSTRUCT FOUNDATIONS AND FOOTINGS FROM STRUCTURAL PLAN. BUILDING DIMENSIONS ON THIS PLAN 9. CONTRACTOR IS TO REMOVE AND RE-USE SEWER PIPES, POWER POLES AND GUY WIRES, WATER LINES AND METERS, ARE FOR REFERENCE ONLY. VEGETATION, ASPHALT, AND OTHER UNSUITABLE DEBRIS OR MATERIAL. SHOWN OR NOT SHOWN WITHIN CONSTRUCTION LIMITS AND WHERE NECESSARY TO ALLOW FOR CONSTRUCTION ACTIVITY. ALL MATERIAL TO BE REMOVED AS UNCLASSIFIED 8. ALL DIMENSIONS SHOWN ON BUILDING ARE TO OUTSIDE FACE OF BUILDING. EXCAVATION. CONTRACTOR SHALL COORDINATE PROTECTION OF BUILDING CORNERS. 10. ALL CAVITIES CREATED BY REMOVAL OF EXISTING FACILITIES IN THE AREA OF PROPOSED CONSTRUCTION SHALL BE TRANSFORMERS, AND ALL OTHER APPLICABLE STRUCTURES WITH GUARD POST FILLED AND COMPACTED IN ACCORDANCE WITH THE SITE WORK SPECIFICATIONS TO SUBGRADE ELEVATION. BOLLARDS WITHIN 5' OF THE BUILDINGS TO BE INSTALLED BY GENERAL 11. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN THE VICINITY OF EXISTING OVERHEAD CONTRACTOR. ELECTRICAL POWER LINES. 10. PARKING LOT STRIPING SHALL BE INCLUDED IN PAVING CONTRACTOR'S SCOPE 12. EXISTING UTILITIES ARE SHOWN AS LOCATED AND IDENTIFIED IN THE FIELD BY UTILITY COMPANY REPRESENTATIVE. THE OF WORK, ALL STRIPING IS TO BE TWO LAYERS, 4" STROKE, REFLECTIVE PAINT, OWNER AND THE ENGINEER MAKE NO ASSURANCE OF THE ACTUAL LOCATION, DEPTH, SIZE OR TYPE OF UTILITY LINES INCLUDING ADA SYMBOL AND HATCHING. PAINT COLOR TO BE WHITE ON SHOWN. THE OWNER AND THE ENGINEER MAKES NO ASSURANCE THAT ALL OF THE EXISTING UTILITY LINES ON THE SITE ARE ASPHALT AND YELLOW ON CONCRETE. SHOWN. 11. ALL ACCESSIBLE PARKING SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE GRADING AND CLEARING NOTES: WITH THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. 12. THE CONTRACTOR SHALL SUPPLY THE OWNER WITH A LIST OF ALL 1. EXISTING UTILITIES AS SHOWN ARE APPROXIMATE LOCATIONS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTORS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO THE START OF ANY CONSTRUCTION WORK. ANY DAMAGE TO EXISTING STRUCTURES, UTILITIES, FENCES AND/OR INCIDENTALS NOT DESIGNATED FOR REMOVAL SHALL BE 13. ALL ASPHALT PAVING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION REPAIRED AT THE CONTRACTORS EXPENSE. OF LEES SUMMIT DESIGN AND CONSTRUCTION MANUAL SECTION 2200. 2. CONTRACTOR SHALL ADHERE TO THE "DESIGN AND CONSTRUCTION MANUAL" SECTION 2100 AS ADOPTED BY THE CITY OF 14. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR, AND LEES SUMMIT, MISSOURI (LATEST EDITION), FOR EXCAVATION AND EMBANKMENT WORK WITHIN THE PROPOSED DRIVE LANES. SHALL TAKE ALL PRECAUTIONS NECESSARY TO, AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING 3. CONTRACTOR SHALL PROVIDE A LEVEL BUILDING PAD BASED UPON PROPOSED FINISHED FLOOR ELEVATION TO \pm 0.10' OR IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO: AS ESTABLISHED THROUGH ALTERNATIVE BID DOCUMENTS. DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURB, ETC. ANY WORK IN CITY R.O.W. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS. 4. PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH A MINIMUM OF FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS AND SURVEY MONUMENTS AND IS RESPONSIBLE FOR RE-ESTABLISHMENT OF ANY CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEEDED, PROPERTY CORNERS OR SURVEY MONUMENTS IF DISTURBED BY CONSTRUCTION FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS ACTIVITIES. DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. 15. SAFETY NOTICE TO CONTRACTOR: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. THE CONTRACTOR SHALL BE SOLELY AND 5. AREAS OF CONSTRUCTION SHALL BE STRIPPED OF ALL VEGETATION, ORGANIC MATTER AND TOPSOIL TO A DEPTH AS COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY RECOMMENDED BY GEOTECHNICAL ENGINEER AND/ OR TESTING AGENCY. SOILS REMOVED DURING SITE STRIPPING SHOULD BE OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS EVALUATED TO DETERMINE IF PORTIONS OF THE TOPSOIL STRATUM MAY BE UTILIZED AS STRUCTURAL FILL WITHIN PAVEMENT REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL AREAS. ANY MATERIAL NOT DEEMED AS SUITABLE FILL MATERIAL BY THE GEOTECHNICAL ENGINEER AND/ OR TESTING WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE AGENCY SHALL BE REMOVED FROM THE JOB SITE BY THE CONTRACTOR AT HIS EXPENSE. CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE 6. CONTRACTOR SHALL ADHERE TO THE SITE PREPARATION AND STRUCTURAL FILL RECOMMENDATIONS AS CALLED OUT IN CONSTRUCTION SITE. THE GEOTECHNICAL REPORT AND ENGINEERING EVALUATION AS PROVIDED BY THE GEOTECHNICAL ENGINEER. 16. ALL CONSTRUCTION IN STATE HIGHWAY DEPARTMENT RIGHT-OF-WAY SHALL 7. ALL EMBANKMENT SHOULD BE PLACED IN CONTROLLED LIFTS HAVING A MAXIMUM LOOSE LIFT THICKNESS OF 9". BE COORDINATED WITH THE HIGHWAY DEPARTMENT RESIDENT MAINTENANCE EMBANKMENT PLACED WITHIN THE PAVEMENT AREAS SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE MATERIALS ENGINEER PRIOR TO START OF CONSTRUCTION. LATEST SPECIFICATIONS ADOPTED MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698 (STANDARD PROCTOR COMPACTION). EMBANKMENT PLACED WITHIN BY US DEPARTMENT OF TRANSPORTATION AND STATE HIGHWAY DEPARTMENT THE BUILDING AREAS SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS SHALL GOVERN ON THIS PROJECT. DETERMINED BY ASTM D-698 (STANDARD PROCTOR COMPACTION). MOISTURE CONTENT OF THE FILL AT THE TIME OF COMPACTION SHALL BE WITHIN A RANGE OF 0 TO 4 PERCENT ABOVE OPTIMUM MOISTURE CONTENT AS DEFINED BY THE 17. ALL SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE STANDARD PROCTOR COMPACTION PROCEDURE. ALL EMBANKMENT PLACED WITHIN 18" OF THE BUILDING SUBGRADE SHOULD SPECIFICATIONS OF THE RELEVANT UTILITY COMPANY OR REGULATORY HAVE A LIQUID LIMIT LESS THAN 60. THE GEOTECHNICAL REPORT SHALL SUPERSEDE RECOMMENDATIONS AS STATED IN THIS AUTHORITY, AND THE SPECIFICATIONS FOR THE CONSTRUCTION OF THE EXISTING PLAN SET. IMPROVEMENTS WHICH ARE BEING ALTERED OR REPLACED. CONTRACTOR SHALL CONTACT THE ENGINEER FOR SPECIFICATION SECTIONS FOR ITEMS SUCH AS UTILITY CONSTRUCTION NOTES: LANDSCAPING AND IRRIGATION THAT ARE AFFECTED BY THE WORK BUT NOT COMPLETELY DETAILED OR SPECIFIED ON THESE PLANS. 1. PRIOR TO INSTALLATION OF ANY PROPOSED UTILITY THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL 18. ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL CONFORM TO THE CROSSINGS WITH EXISTING UTILITIES AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS. THE ENGINEER WILL BE CITY OF LEE'S SUMMIT. MISSOURI STANDARDS AND SPECIFICATIONS. HELD HARMLESS IN THE EVENT THE ENGINEER IS NOT NOTIFIED OF CONFLICTS WITH EXISTING UTILITIES. 19. ALL CURB RETURN RADII ARE 4.0' UNLESS OTHERWISE NOTED. 2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE 20. SITE TOPOGRAPHY TAKEN FROM FIELD WORK BY OLSSON ASSOCATES ON MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE THE SURVEY DATED 10-2016. CONTRACTOR TO VERIFY EXISTING CONDITIONS OF CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST THE SITE THAT MAY NOT BE REPRESENTATIVE OF THE CONSTRUCTION PLANS. EXACT FIELD LOCATION OF UTILITIES. IT IS THE CONTRACTORS RESPONSIBILITY TO RELOCATE AND/OR ADJUST ALL EXISTING UTILITIES THAT CONFLICT WITH PROPOSED SITE IMPROVEMENTS. WETLANDS NOTICE: 3. UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREON OR WITHIN THE SPECIFICATIONS: ALL STORM DRAIN PIPE BEDDING SHALL BE INSTALLED PER CITY STANDARD DETAILS. 1. ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION, OR FILLING IN A U.S. CORPS ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF FLARED END SECTIONS. OF ENGINEERS DESIGNATED WETLAND IS SUBJECT TO LOCAL, STATE AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL DOWNSTREAM EROSION AND SILTATION DURING ALL REQUIREMENTS AND/OR RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO PHASES OF CONSTRUCTION. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION. FEDERAL PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/DEVELOPER. THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS AGAINST SUCH 5. TELEPHONE CONDUIT SHALL HAVE A MINIMUM COVER OF 30". CONDUIT SHALL BE DUAL 4" SCHEDULE 40 PVC. VIOLATION. CONTRACTOR SHALL COORDINATE LOCATION WITH THE UTILITY REPRESENTATIVE AND LOCATE PVC CROSSINGS AS NECESSARY. SEE ELEC. PLANS FOR ENTRANCE LOCATIONS. WARRANTY/DISCLAIMER: 6. FOR ALL SERVICE LINE ENTRANCE LOCATIONS WITHIN THE BUILDING, INCLUDING ROOF DRAIN CONNECTIONS, SEE ARCHITECTURAL PLANS AND DETAILS. 1. THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ALL WATER SERVICE LINES SHALL BE A MINIMUM OF 48" BELOW FINISHED GRADE. ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE 8. ALL SANITARY SEWER LINES SHALL BE SDR-26 WITH 42" MIN. COVER. ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A TEMPORARY BASIS A MINIMUM OF 48 HOURS PRIOR TO DISRUPTION. AT THE SITE. 10. ALL ELECTRIC AND TELEPHONE, INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTION'S SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES. FLOOD CERTIFICATION: 11. PRIOR TO ORDERING PRECAST STRUCTURES, SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL. 1. AREA OF 1% CHANCE ANNUAL FLOOD ZONE (AE) AS DEPICTED ON THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO 29095C0419G 12. ALL PRIVATE INSTALLATIONS SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS AS ADOPTED BY THE (JACKSON COUNTY, MO), REVISED JANUARY 20TH, 2017 SHOWN ON PLAN. ALL CITY OF LEE'S SUMMMIT, MISSOURI. UNSHADED (ZONE X) OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. 13. EXTENSION OF BOTH DOMESTIC WATER SERVICE AND FIRE PROTECTION LINE MAY NOT BE PROVIDED UNTIL PUBLIC MAIN <u>OIL/GAS WELLS:</u> HAS BEEN TESTED AND ACCEPTED BY WRITTEN AUTHORIZATION FROM LEE'S SUMMIT WATER DEPARTMENT. 14. CONTRACTOR TO CONTACT LEE'S SUMMIT WATER SERVICES DEPARTMENT FOR MAIN LINE TAP AND METER SET A NO OIL OR GAS WELLS LOCATED WITHIN THE PROJECT LIMITS. MINIMUM OF 48 HOURS PRIOR TO CONNECTION. INFORMATION OBTAINED FROM THE MISSOURI DEPARTMENT OF NATURAL 17. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL THE APPROPRIATE PERMITS HAVE BEEN RESOURCES, GEOLOGICAL SURVEY GEOSCIENCES TECHNICAL RESOURCE PULLED FROM THE CITY OF LEE'S SUMMIT AND/OR JACKSON COUNTY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.

ASSESSMENT TOOL (GEOSTRAT).

18. ALL ELECTRICAL CONDUIT SHALL BE SCHEDULE 40 ELECTRICAL PVC, AS CALLED OUT AND HAVE AN AVERAGE OF 36" TO 42" COVER WITH A MINIMUM OF 30" CONFORMING TO THE CURRENT REGULATIONS SET FORTH BY MISSOURI PUBLIC SERVICE. SEE MECH. PLANS FOR ENTRANCE LOCATIONS.

19. CONTRACTOR SHALL MAKE APPLICATION WITH SPIRE ENERGY FOR PROPOSED METER.

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EA	ASEMENTS & SETBACKS	ELC	ELECTRIC CABINET	₩ž		
A.L. B.M.P.	BEST MANAGEMENT PRACTICE EASEMENT	E ELR	ELECTRIC RISER			21
B.L.	BUILDING SETBACK	EM EMT	ELECTRIC METER			20
C.E.	CONSERVATION EASEMENT	EV EVT	ELECTRIC VAULT			
C.G.E. F.P.F.	CONSTRUCTION GRADING EASEMENT	Ý YDL	YARD LIGHT FXISTING POWER\FLECTRIC LINE, OVERHEAD			
F.O.E.	FIBER OPTIC EASEMENT		EXISTING POWER\ELECTRIC LINE, UNDERGROUND			
F.P.S.E. F.L.E.	FIRE PROTECTION SYSTEM EASEMENT	SCO SSMH	SEWER CLEANOUT SANITARY MANHOLE			
L.S.E.	LANDSCAPE EASEMENT	ESS	EXISTING SANITARY SEWER			
<u>д.е.</u> Т.Е.	TELEPHONE EASEMENT	FSS	FUTURE SANITARY SEWER	AN		
E.E.	POWER ELECTRIC EASEMENT	ESL	EXISTING STEAM LINE			
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	PROPERTY OWNERS WITHIN 185'						
KEY	ADDRESS	OWNER(S) & MAILING ADDRESS					
	917 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081	AARON & STEPHANIE PLASKETT 917 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081					
2	1003 SW INGLESIDE PL LEES SUMMIT, MO 64081	GERARDO & JANA HERNANDEZ 1003 SW INGLESIDE PL LEES SUMMIT, MO 64081					
3	1005 SW INGLESIDE PL LEES SUMMIT, MO 64081	LARRY & JUDITH WILKERSON 1005 SW INGLESIDE PL LEES SUMMIT, MO 64081					
4	1007 SW INGLESIDE PL LEES SUMMIT, MO 64081	GEOFFREY ANDERSON 1240 SW HOOK RD LEES SUMMIT, MO 64082					
5	1000 SW ORRINGTON PL LEES SUMMIT, MO 64081	ALYCIA & MARK RAYA 1000 SW ORRINGTON PL LEES SUMMIT, MO 64081					
6	1003 SW ORRINGTON PL LEES SUMMIT, MO 64081	THOMAS & VERNA GREEN 1003 SW ORRINGTON PL LEES SUMMIT, MO 64081					
7	1002 SW ALLENDALE BLVD LEES SUMMIT, MO 64081	KAY CORDER 1002 SW ALLENDALE BLVD LEES SUMMIT, MO 64081					
8	1003 SW ALLENDALE BLVD LEES SUMMIT, MO 64081	DUSTIN FANN 1003 SW ALLENDALE BLVD LEES SUMMIT, MO 64081					
9	401 SW OLDHAM PKWY LEES SUMMIT, MO 64081	ASSOCIATION OF UNITY CHURCHES 400 NW BLUE PKWY A LEES SUMMIT, MO 64065					
10	916 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081	THE CITY OF LEES SUMMIT 220 SE GREEN ST LEES SUMMIT, MO 64063					
11	914 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081	THE CITY OF LEES SUMMIT 220 SE GREEN ST LEES SUMMIT, MO 64063					
12	912 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081	CYNTHIA SNYDER 912 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081					
13	910 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081	CITY OF LEES SUMMIT 220 SE GREEN ST LEES SUMMIT, MO 64063					
14	900 SW LAKEVIEW BLVD LEES SUMMIT, MO 64081	LEES SUMMIT FIRST CHURCH OF THE NAZAREN 900 S LAKEVIEW BLVD LEES SUMMIT, MO 64063					



NOTES: 1. EXISTING ZONING: RP-2 & RP-3 PROPOSED ZONING: RP-2 & RP-3 2. EXISTING LAND USE: CHURCH 3. NO OIL OR GAS WELLS ARE LOCATED ON THE PROPERTY. INFORMATION VERIFIED VIA MISSOURI DNR:

https://dnr.mo.gov/geology/geosrv/oilandgas.htm (UPDATED MARCH 2021) 4. FEMA FLOODPLAIN ZONE: AREA OF MINIMAL FLOOD HAZARD, PER MAP 29095C0419G, EFF. 1/20/2017

SCALE IN FEET





					Olsson - Civil Engineering	Missouri Certificate of Authority #001592	1301 Burlington Street	North Kansas City, MO 64116 TEL 816.361.1177 www.olsson.com
BY								
REVISIONS DESCRIPTION								REVISIONS
REV. DATE NO.								
								2021
PRELIMINARY GRADING PLAN	PRELIMINARY DEVELOPMENT PLAN		SI IMMIT PARK CHI IRCH		425 SW OLDHAM PKWY			LEES SUMMIT, MISSOURI
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100	PROPOSED INDEX CONTOURS					
100	PROPOSED INTERMEDIATE CONTOURS					





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DATE REVISIONS DESCRIPTION							REVISIONS
REV.							21
PRELIMINARY UTILITY PLAN	PRELIMINARY DEVELOPMEN I PLAN	SHMMIT PARK CHURCH		425 SW OLDHAM PKWY			LEES SUMMIT, MISSOURI
drawn h checke approve QA/QC project drawing date:	by: d by: ed by: by: no.: g no.: S		0 L01 E	21- A:	D D 033 210 08.2	G/. G/. G/. 377 333	

LEGEND						
100	EXISTING INDEX CONTOURS					
100	EXISTING INTERMEDIATE CONTOURS					
100	PROPOSED INDEX CONTOURS					
100	PROPOSED INTERMEDIATE CONTOURS					
	LEGEND					

LEGEND								
S	PROPOSED SANITARY SEWER							
	PROPOSED STORM SEWER							
	PROPOSED WATER LINE							
- P-UG -	PROPOSED WATER LINE							

PROPOSED PRIVATE UTILITY SIZES: WATER: 10" SANITARY: 8"

STORM: SEE PLAN

(ALL PROPOSED UTILITIES SHALL BE PRIVATE EXCEPT FOR WATER MAIN WITHIN PUBLIC RIGHT-OF-WAY)



DENOTES PROPOSED AREA FOR UNDERGROUND DETENTION CHAMBERS





4. Plant material shall be maintained and guaranteed for a period of one year after Owner's acceptance of finished job. All dead or damaged plant material shall be replaced at Landscape Contractor's expense. 6. Landscape contractor shall maintain all plant material until final acceptance, at which point the one year guarantee begins.





- PRUNE DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING. NEVER LEAVE LEAVE "V" CROTCHES OR DOUBLE LEADER. - TREE TIE SYSTEM, SEE STAKING REQUIREMENTS

- 3 METAL STAKES. PLACE NEXT TO ROOT BALL AS SHOWN. SPACE EQUIDISTANT AROUND TREE.

PLANT ROOT BALL 2" HIGHER THAN GRADE INSTALL WEED CONTROL FABRIC IF TREE -- CONTINUOUS SAUCER, RIM FOR WATER & MULCH - CUT & REMOVE BURLAP FROM TOP 1/3 OF BALL.

	Quantity	Required	Provided
	354,123		
2			
ea minus Building and Parking	289,419.00		
1 tree/ 5,000 SF of ttl lot area		26.80	27
hrubs/ 5,000 SF of ttl lot area		53.60	54
S			
N Lakeview Blvd	408.00		
20' Insc buffer		Y	Y
1 tree/30 LF of frontage		13.60	14
W Allendale Blvd	407		
20' Insc buffer		Y	Y
1 tree/30 LF of frontage		13.56	14
)ldham Parkway	682		
20' Insc buffer		Y	Y
1 tree/30 LF of frontage		22.73	23
Screening			
king (Excludes Lakeview Blvd)	781		
12 shrubs per 40 linear feet		234.3	234
2.5' ht parallel to the street		Y	Y
king	155,400.00		
ng lot area	SF	7,770.00	14,103.00
1 island/every 4 rows of pkng		Y	Y
1 island at end of row		Y	Y
o be planted w/trees, shrubs,			
grass, groundcover		Y	Y

ARCHITECTURE 15245 Metcalf Ave. Overland Park, KS 66223 913.787.2817

MEIER

LANDSCAPE



CLIENT Summit Park Church 425 SW Oldham Pkwy, Lee's Summit, MO 64081

PROJECT

Summit Park Church 425 SW Oldham Pkwy, Lee's Summit, MO 64081

 (\mathbf{X})

Potanical Name	Common Name	Min.Root	Min.Size	Caliper	Remarks
sylvatica	Black Tupelo			٦"	6' min clear around to canony
sylvatica	ыаск тарею			J	o min. clear., ground to canopy
s rubra	Northern Red Oak			3"	6' min. clear., ground to canopy
ı triacanthas 'Skyline'	Shademaster Honeylocust			3"	6' min. clear., ground to canopy
truncatum 'Warrenred'	Pacific Sunset Maple			3"	6' min. clear., ground to canopy
us chinensis 'Keteleeri'	Keteleeri Juniper		8'ht.		symmetrical pyramidal form
chinensis	Eastern Red Cedar		8'ht.		symmetrical pyramidal form
abies	Norway Spruce		8'ht.		symmetrical pyramidal form
canadensis	Eastern Redbud			3"	
SSES					
ovina glauca	Dwarf Blue Fescue	1 gal.			Plant @ 18" O.C.
a x bumalda "Limemound"	Limemound spirea	5 gal.			Plant @ 3' O.C.
gea paniculata 'Quick Fire'	Little Quick Fire Hydrangea	3 gal.			Plant @ 4' O.C.
ı X 'Penda'	Bloomerang Purple Lilac	5 gal.			Plant © 5' O.C.
rus chinensis 'Sea Green'	Sea Green Juniper	3 gal.			Plant @ 4' O.C.
rus chinensis 'Gold Coast'	Gold Coast Juniper	3 gal.			Plant @ 4' O.C.
rus chinensis 'Spartan'	Spartan Juniper		5'ht.		Symmetrical pyramidal form
SES					
etum alopecuroides 'Hameln'	Dwarf Fountain Grass	1 qt.			Plant @ 18" O.C.
spurium 'Dragon's Blood'	Dragon Blood Sedum	1 gal.			Plant @ 24" 0.C.
EMOVED	EXISTING TREES/SHRUBS T	O BE PRESE	RVED		
	(·) · · · · · · · · · · · · · · · · ·	>			



Date: 8.20.2021 Project #: 758 Landscape Plan

ELECTRICAL SYMBOL LEGEND SOME SYMBOLS AND ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED <u>CIRCUITING</u> POWER DEVICES HOME RUN (2)#12W, (1)#12G UNLESS NOTED OTHERWISE \ominus DUPLEX RECEPTACLE INDICATES 2 PHASE, 1 N, AND 1 GND CONDUCTORS LINE THROUGH DEVICE INDICATES ABOVE COUNTER \oplus HOME RUN. SECOND SYMBOL INDICATES SHARED CIRCUIT. \bigcirc SWITCHED RECEPTACLE. MOUNT UPSIDE DOWN. HOME RUN. SECOND SYMBOL DENOTES #10 CONDUCTORS. ⊒ QUAL-PLEX RECEPTACLE Θ_{5-20R} SIMPLEX RECEPTACLE W/ NEMA CONFIG AS NOTED <u>UTILITIES</u> *OHE OVERHEAD ELECTRICAL FEEDER AND/OR CONDUITS* MULTI-POLE RECEPTACLE W/ NEMA CONFIG AS NOTED - - UGC - UNDERGROUND ELECTRICAL FEEDER AND/OR CONDUITS \bigcirc CEILING-MOUNTED RECEPTACLE TELE ABOVE GRADE TELECOMMUNICATIONS CONDUIT(S) ΠĐ RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE" (\mathcal{J}) JUNCTION BOX <u>LIGHTING</u> FIRE-RATED POKE-THRU - POWER ONLY GRID-MOUNTED TROFFER LIGHT FIXTURE POKE-THRU WITH DATA JACKS EMERGENCY/EGRESS LIGHT FIXTURE POKE-THRU WITH POWER AND DATA CRITICAL / STANDBY LIGHT FIXTURE 1G SINGLE GANG FLOOR BOX (2,3,4 GANG SIMILAR) STRIP LIGHT FIXTURE DIVIDED (HIGH/LOW VOLTAGE) POWER POLE • SURFACE/RECESSED LIGHT FIXTURE PLUG MOLD / WIRE MOLD AS SPECIFIED. H WALL-MOUNTED LIGHT FIXTURE 머 PUSH BUTTON POLE-MOUNTED LIGHT FIXTURE HS S EXIT LIGHT (WALL / CEILING MOUNTED) 4___ BATTERY-OPERATED EMERGENCY LIGHT (WALL-MTD) BATTERY-OPERATED EMERGENCY LIGHT (CEILING-MTD) COMBINATION WALL-MOUNTED EXIT LIGHT / TELEPHONE/DATA BATTERY-OPERATED EMERGENCY LIGHT TELEPHONE JACK LOCATION (SINGLE-GANG BOX W/ (1, LIGHT SWITCH - SINGLE POLE C. TO ABOVE ACCESSIBLE CEILING) LIGHT SWITCH - 3-WAY LINE THROUGH DEVICE INDICATES ABOVE COUNTER LIGHT SWITCH - 4-WAY DATA JACK LOCATION (DOUBLE-GANG BOX W/ (2)3/4" CONDUITS TO ABOVE ACCESSIBLE CEILING) LIGHT SWITCH - KEY TELE/DATA JACK LOCATION (DOUBLE-GANG BOX W/ (2 LIGHT SWITCH - DIMMER C. TO ABOVE ACCESSIBLE CEILING) LIGHT SWITCH - WITH PILOT LIGHT WIRELESS ACCESS POINT WALL-MOUNTED MOTION SENSOR. (\geq) WALL (CORNER) - MOUNTED MOTION SENSOR. CEILING-MOUNTED MOTION SENSOR. SWITCHBANK. REFER TO PLANS / DETAILS. LOW-VOLTAGE DATALINE SWITCH - RE: DETAILS. \$_{DI 1} RCS-1 REMOTE CONTROL SWITCH AS SCHEDULED. TC TIMECLOCK. REFER TO PLANS / DETAILS. EQUIPMENT Ъ DISCONNECT SWITCH. RE: PLANS FOR INFORMATION. MAGNETIC MOTOR STARTER \boxtimes COMBINATION DISCONNECT SWITCH / MOTOR STARTER R TOGGLE-TYPE DISCONNECT SWITCH. WHERE USED FOR MOTORS, PROVIDE W/ THERMAL PROTECTION. SURFACE-MOUNTED PANELBOARD RECESSED PANELBOARD DISTRIBUTION PANELBOARD SWITCHBOARD. FEEDER/MAIN CIRCUIT BREAKER SECTION AND DISTRIBUTION SECTION. GENERAL SYMBOLS INDICATES CONNECT TO EXISTING

EQUIPMENT TAG. REFER TO CONNECTIONS SCHEDULE(S)

FOR ELECTRICAL CONNECTIONS AND LOAD INFORMATION

ELEV ELEVATION

EX EXISTING ITEM

FL FLOW LINE

FP FIRE PROTECTION

FPM FEET PER MINUTE

G GROUND / GANG

HD HOT DECK

HTG HEATING

FWCO FLUSH WALL CLEANOUT

G/C GENERAL CONTRACTOR

GPM GALLONS PER MINUTE

IG ISOLATED GROUND

LED LIGHT EMMITING DIODE

LWT LEAVING WATER TEMPERATURE

M/C MECHANICAL CONTRACTOR

JB JUNCTION BOX

MA MIXED AIR

MECH MECHANICAL

MH MANHOLE

MAU MAKE UP AIR UNIT

MCB MAIN CIRCUIT BREAKER

FLR FLOR

FFA FROM FLOOR ABOVE

FFB FROM FLOOR BELOW

FFCO FINISH FLOOR CLEANOUT

FGCO FINISH GRADE CLEANOUT

EM EMERGENCY FIXTURE/DEVICE

EWT ENTERING WATER TEMPERATURE

FOR EQUIPMENT (KITCHEN, SHOP, ETC.)

ABBREVIATIONS A/E ARCHITECT / ENGINEER

- AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE
- AG ABOVE GRADE AHJ AUTHORITY HAVING JURISDICTION
- AHU AIR HANDLING UNIT
- ARCH ARCHITECT BFP BACKFLOW PREVENTER

(XXX)

- BG BELOW GRADE BLDG BUILDING
- BMS BUILDING MANAGEMENT SYSTEM
- C CONDUIT CD CANDELA
- CD COLD DECK CLG COOLING
- CM COORDINATE MOUNTING HEIGHT
- CO CLEANOUT CTE CONNECT TO EXISTING
- DCVA DOUBLE CHECK VALVE ASSEMBLY
- DCW DOMESTIC COLD WATER DDC DIRECT DIGITAL CONTROLS
- DF DRINKING FOUNTAIN DHW DOMESTIC HOT WATER
- DHWR DOMESTIC HOT WATER RETURN
- DIA DIAMETER DN DOWN
- E/C ELECTRICAL CONTRACTOR
- EA EXHAUST AIR EDF ELECTRIC DRINKING FOUNTAIN
- MLO MAIN LUGS ONLY NFA NET FREE AREA NL NIGHT LIGHT OA OUTSIDE AIR ORD OVERFLOW ROOF DRAIN P/C PLUMBING CONTRACTOR PSI POUNDS PER SQUARE INCH PVC POLYVINYL CHLORIDE RA RETURN AIR RE/REF REFER TO / REFERENCE RF RELIEF FAN RL RELOCATED ITEM *RPZ REDUCED PRESSURE ZONE* RR RESTROOM SA SUPPLY AIR GFCI GROUND FAULT CIRCUIT INTERRUPTER SPD SURGE PROTECTIVE DEVICE ST SHUNT TRIP TFA TO FLOOR ABOVE TFB TO FLOOW BELOW TP TAMPER PROOF TYP TYPICAL UNO UNLESS NOTED OTHERWISE VRF VARIABLE REFRIGERANT FLOW VTR VENT THROUGH ROOF
 - TA TRANSFER AIR
 - WCO WALL CLEANOUT WG WIRE GUARD WP WEATHERPROOF

FIRE ALARM	
- F	MANUAL PULL STATION (DUAL-ACTION)
D	SMOKE DETECTOR
$\langle D \rangle$	DUCT SMOKE DETECTOR
(H)	HEAT DETECTOR
Ô	CARBON MONOXIDE DETECTOR
■ WF	WATER FLOW SWITCH
∎ TS	TAMPER SWITCH
× ⁷⁵	WALL-MOUNTED FA STROBE WITH CANDELA RATING. 15cd RATING UNLESS OTHERWISE NOTED ON PLANS.
	WALL-MOUNTED FA HORN/STROBE WITH CANDELA RATING. 15cd UNLESS OTHERWISE NOTED ON PLANS.
	WALL-MOUNTED FIRE ALARM HORN
	WALL-MOUNTED FIRE ALARM SPEAKER
	WALL-MOUNTED FA SPEAKER/STROBE WITH CANDELA RATING. 15cd UNLESS OTHERWISE NOTED ON PLANS.
75	CEILING-MOUNTED FA STROBE LIGHT WITH CANDELA RATING. MIN. OF 15cd RATING.
30	CEILING-MOUNTED COMBINATION HORN/STROBE WITH CANDELA RATING. MIN. OF 15cd RATING.
30	CEILING-MOUNTED COMBINATION SPEAKER/STROBE WITH CANDELA RATING. MIN. OF 15cd RATING.
	CEILING-MOUNTED FIRE ALARM SPEAKER
R	FIRE ALARM RELAY
IAM	INDIVIDUAL ADDRESSABLE MODULE
(1)3/4" ZAM	ZONE ADDRESSABLE MODULE
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FAEC	FIRE ALARM AUXILIARY POWER SUPPLY
^{(2)3/4"} D _{120 V}	SINGLE / MULTI-STATION 120V SMOKE ALARM

DH DOOR HOLD-OPEN

GENERAL NOTES

- 1. SOME ROOM NAMES MAY NOT BE SHOWN FOR PURPOSE OF CLARIFYING PLAN. REFER TO ARCHITECTURAL PLANS FOR REFERENCE TO ROOM NAMES NOT SHOWN. 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN AND KEEP AT THE JOB SITE, AN UP TO DATE SET OF 'RECORD DRAWINGS" SHOWING ALL CHANGES FROM THE ORIGINAL PLANS. THE CONTRACTOR SHALL DELIVER THE 'RECORD DRAWINGS" TO THE ENGINEER AT THE CONCLUSION OF THE PROJECT ELECTRONICALLY.
- 3. THESE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS (NEW AND EXISTING), DIMENSIONS, AND CLEARANCES PRIOR TO THE COMMENCEMENT OF WORK AND SHALL INCLUDE ALL COSTS, EQUIPMENT, MATERIAL, ACCESSORIES, ETC. REQURIED FOR A FULLY COMPLETE, FUNCTIONAL AND CODE COMPLIANT INSTALLATION.
- 4. FINAL LOCATIONS OF ALL DEVICES, LIGHT FIXTURES, EQUIPMENT ETC SHALL BE INDICATED ON THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONAL INFORMATION SHALL BE OBTAINED FROM ARCHITECTURAL PLANS. NO DIMENSIONAL INFORMATION SHALL BE OBTAINED FROM MEP DRAWINGS. 5. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, APPROVALS, LICENSES,
- ETC. AS NEEDED FOR THE COMPLETE INSTALLATION AND PROJECT. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ALL FEES AND DATA NEEDED FOR THIS.

FIRE SEALING NOTES

- 1. COORDINATE CONSTRUCTION OF OPENINGS AND PENETRATING ITEMS TO ENSURE THAT THROUGH-PENETRATION FIRESTOP SYSTEMS ARE INSTALLED ACCORDING TO SPECIFIED AND APPLICABLE LIL REQUIREMENTS 2. COORDINATE SIZING OF SLEEVES, OPENINGS, CORE-DRILLED HOLES, OR CUT OPENINGS TO ACCOMMODATE THROUGH-PENETRATION FIRESTOP SYSTEMS.
- 3. DO NOT COVER UP THROUGH-PENETRATION FIRESTOP SYSTEM INSTALLATIONS UNTIL EXAMINED BY NSPECTOR, IF REQUIRED BY AUTHORITIES HAVING ILIRISDICTION 4. COMPATIBILITY: PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS THAT ARE COMPATIBLE WITH ONE ANOTHER; WITH THE SUBSTRATES FORMING OPENINGS; AND WITH THE ITEMS, IF ANY, PENETRATING THROUGH-PENETRATION FIRESTOP SYSTEMS, UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED
- BY THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE. 5. PROVIDE COMPONENTS FOR EACH THROUGH-PENETRATION FIRESTOP SYSTEM THAT ARE NEEDED TO INSTALL FILL MATERIALS. USE ONLY COMPONENTS SPECIFIED BY THROUGH-PENETRATION FIRESTOP SYSTEM MANUFACTURER AND APPROVED BY QUALIFIED TESTING AND INSPECTING AGENCY FOR FIRESTOP
- SYSTEMS INDICATED. 6. PROVIDE SLEEVES THROUGH ALL FIRE_RATED WALLS AND FILL VOIDS SURROUNDING SLEEVES AND INTERIOR TO SLEEVES AROUND PIPING WITH FIRE
- STOP PUTTY WITH U.L. LISTED 3 HOUR RATING INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS. 7. FIRE SEAL ALL PIPING, CONDUIT, CABLE, ETC PENETRATIONS ROUTED THROUGH
- FIRE RATED WALLS. 8. PROVIDE FIRE RATED ENCLOSURES OR WRAPS ON LIGHT FIXTURES AND OTHER ITEMS PENETRATING FIRE RATED CEILINGS. FLOOR/CEILING/ CEILING/ROOF ASSEMBLIES TO MAINTAIN UL LISTING FOR CONSTRUCTION.

<u>SHEE</u> T METAL		MECHANICAL PI	PING
	HIGH-FFFICIENCY DUCT TAKEOFF	D	· DRAIN (CONDENSA
L↓IΨ L↓IΨ	(WITH AND WITHOUT MANUAL DAMPER)		· REFRIGERANT LIQ
т 'n п		<i>RS</i>	· REFRIGERANT SUC
L _и Ш	SPIN-IN ROUND DUCT TAKEOFF		· REFRIGERANT VEN
ſ'n			· RUPTURE DISK
$L_{\lambda}P^{\mu}$	CONICAL DELLIVIOUTTI NOOND DOCT TAKEOTT	<i>CWS</i>	· CHILLED WATER SU
TI-++++++Xu	ROUND DUCT TAKEOFF WITH FLEX DUCT RUNOUT	CWR	· CHILLED WATER R
μιι. <i>Α</i>	(MAXIMUM FLEX DUCT LENGTH IS 6 -0")	C/HWS	· CHILLED/HOT WATE
2 ²⁷ 1	DUCTWORK FI BOWS (WITH AND WITHOUT TURNING VANES	$\sim - C/HWR$	CHILLED/HOT WAT
$ \mathbf{A} $ $\mathbf{A} $		"	HOT WATER SUPPL
	FD: FIRE DAMPER FS: FIRE/SMOKE DAMPER	HWR	HOT WATER RETUR
	SD: SMOKE DAMPER BD: BACKDRAFT DAMPER (GRAVIT	-Y)CTWS	· COOLING TOWER V
	AUTOMATIC MOTORIZED DAMPER	CTWR	· COOLING TOWER V
		<i>STM</i>	• STEAM (ANY #'S L
<u>3"Ø</u> G) <u>225</u>	SUPPLY DIFFUSER AND CALLOUT (NECK SIZE, TYPE, AND CFM) LINEAR/SLOT DIFFUSER	CR	CONDENSATE RE
$\frac{22\times22}{R}$	RETURN GRILLE (NECK SIZE AND TYPE, MAY ALSO INCLUD	E PLUMBING PIPIN	IG
	CFM)		DOMESTIC COLD W
	EXHAUST GRILLE (NECK SIZE AND TYPE, MAY ALSO INCLU	<i> </i>	DOMESTIC HOT WA
—	SUPPLY AIR FLOW INDICATOR		- RECIRCULATING DO
\sim	RETURN OR EXHAUST AIR FLOW INDICATOR		· WASTE ABOVE GRA
TU	THERMOSTAT	— — SAN — —	· WASTE BELOW GR
H	TEMPERATURE SENSOR	— — <i>V</i> — —	PLUMBING VENT
-(H)			WATER SERVICE
	CONTROL WIRING	ST	• STORM DRAIN ABO
		<u> </u>	• STORM DRAIN BEL
DICAL GAS			STORM OVERFLOW
<i>MV</i>	MEDICAL VACUUM PIPING	<u> </u>	• STORM OVERFLOW
	OXYGEN PIPING		• SOFT COLD WATER
NO	NITROUS OXIDE PIPING		• SOFT HOT WATER
<i>MA</i>	MEDICAL COMPRESSED AIR PIPING		SOFT RECIRCULAT
N	NITROGEN PIPING		· REVERSE OSMOSIS
<i>CO</i>	CARBON DIOXIDE PIPING	D/	· DE-IONIZED WATER
<i>VV</i>	VACUUM VENT PIPING	<i>G</i>	· NATURAL GAS
WAGD	WASTE ANESTHETIC GAS DISPOSAL PIPING	<i>LP</i>	PROPANE
GV	MEDICAL GAS VENT PIPING	NP	NON-POTABLE WAT
⊢• x	MEDICAL GAS INLET/OUTLET W/DESIGNATION (RE: PIPE	CA	COMPRESSED AIR
H•S	MEDICAL SLIDE	ACID	· ACID WASTE
MA	MEDICAL GAS ALARM WIRING CONNECTION	ACID	· ACID VENT
PS	MEDICAL GAS ALARM WIRING - PRESSURE SWITCH	PD	• PUMPED DISCHARG
TR	MEDICAL GAS ALARM WIRING - TRANSDUCER		EJECTORS)
		<u>FIRE SPRINKLEF</u>	
	าเร	F	· FIRE SPRINKLER PI
ENERAL SYMBO			
ENERAL SYMB(FIRE SPRINKLER H
	INDICATES CONNECT TO EXISTING		FIRE SPRINKLER H
$ \bigoplus_{FL?}^{ENERAL SYMBO} $	INDICATES CONNECT TO EXISTING INDICATES ELEVATION		FIRE SPRINKLER H

COORDINATION NOTES

- 1. COORDINATE REQUIREMENTS FOR INSTALLATION OF SYSTEMS AND EQUIPMENT WITH ALL OTHER TRADES. 2. THE CONTRACTOR SHALL COORDINATE THE ROUTING AND PATH OF ALL SYSTEMS, CONDUITS, PIPES, DUCTS, ETC WITH THE POSITION AND LAYOUT OF THE STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY OFFSETS, TURNS, RISES AND DROPS FOR SYSTEMS AND COMPONENTS AS NEEDED TO INSTALL THE MEP SYSTEMS TO CLEAR STRUCTURE, CEILINGS, ETC AND OTHER
- SYSTEMS IN POTENTIAL CONFLICT WITH ROUTING 3. COORDINATE WORK WITH OTHER TRADES TO INSTALL SYSTEMS ABOVE CEILING HEIGHTS INDICATED ON ARCHITECTURAL PLANS. 4. CHECK SPACE REQUIREMENTS WITH OTHER TRADES AND STRUCTURE/CONSTRUCTION TO INSURE THAT ALL MATERIALS AND EQUIPMENT CAN BE INSTALLED IN THE SPACE ALLOTTED INCLUDING FINISHED SUSPENDED CEILINGS
- AND OTHER SPACES, CHASES, ETC WITHIN THE BUILDING. MAKE MODIFICATIONS THERETO AS REQUIRED AND APPROVED. 5. TRANSMIT TO OTHER TRADES ALL INFORMATION REQUIRED FOR WORK TO BE PROVIDED UNDER THEIR RESPECTIVE SECTIONS IN AMPLE TIME FOR INSTALLATION. 6. WHEREVER WORK INTERCONNECTS WITH WORK OF OTHER TRADES, COORDINATE WITH THOSE TRADES TO INSURE THAT ALL SUBCONTRACTORS HAVE THE
- INFORMATION NECESSARY SO THAT THEY MAY PROPERLY INSTALL ALL CONNECTIONS AND EQUIPMENT. IDENTIFY ALL ITEMS OF WORK THAT REQUIRE ACCESS SO THAT THE CEILING TRADE WILL KNOW WHERE TO INSTALL ACCESS DOORS AND PANELS. 7. COORDINATE, PROJECT AND SCHEDULE WORK WITH OTHER TRADES IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE.
- 8. DRAWINGS SHOW THE GENERAL RUNS OF CONDUITS, PIPING AND DUCTWORK AND APPROXIMATE LOCATION OF OUTLETS. ANY SIGNIFICANT CHANGES IN LOCATION OF ITEMS NECESSARY IN ORDER TO MEET FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER AND RECEIVE HIS APPROVAL BEFORE SUCH ALTERATIONS ARE MADE. ALL SUCH MODIFICATIONS SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND REPAIR OF SURFACES, AREAS AND PROPERTY THAT MAY BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. 10. ADJUST LOCATION OF PIPING, DUCTWORK, ETC. TO PREVENT INTERFERENCES, BOTH ANTICIPATED AND ENCOUNTERED. DETERMINE THE EXACT ROUTE AND
- LOCATION OF EACH ITEM PRIOR TO FABRICATION. MAKE OFFSETS, TRANSITIONS AND CHANGES IN DIRECTION IN SYSTEMS AS REQUIRED TO MAINTAIN ADEQUATE CLEARANCES AND HEADROOM. 11. WHEREVER THE WORK IS OF SUFFICIENT COMPLEXITY, PREPARE ADDITIONAL COORDINATION DRAWINGS AND ORGANIZE ON-SITE MEETINGS WITH ALL RELATED SUBCONTRACOTRS TO COORDINATE THE WORK BETWEEN TRADES . DRAWINGS
- SHALL CLEARLY SHOW THE WORK AND ITS RELATION TO THE WORK OF OTHER TRADES. AND BE SUBMITTED FOR REVIEW PRIOR TO COMMENCING SHOP FABRICATION OR ERECTION IN THE FIELD. 12. COORDINATE WITH LOCAL UTILITY PROVIDERS FOR THEIR REQUIREMENTS FOR SERVICE CONNECTIONS AND PROVIDE ALL NECESSARY PAYMENTS, MATERIALS, LABOR AND TESTING TO ACCOMPLISH THE WORK.

RENOVATION NOTES

- 1. DISCONNECT AND REMOVE ANY EQUIPMENT, PIPING OR DUCTWORK THAT WAS INSTALLED AS PART OF THE BUILDING SHELL THAT IS NOT NEEDED OR CONFLICTS WITH THIS BUILD OUT.
- 2. EXISTING UNDERGROUND PIPING LOCATIONS ARE ESTIMATED BASED UPON ANTICIPATED ROUTINGS FIELD VERIEY EXACT LOCATIONS DURING CONSTRUCTION AND PROVIDE ALL NECESSARY MODIFICATIONS.
- 3. SAWCUT GRADE FLOOR SLABS TO INSTALL NEW PIPING, MECHANICAL SYSTEMS, ELECTRICAL FLOOR BOXES AND ALL ASSOCIATED CONDUIT, ETC. PATCH FLOOR TO
 4. PROVIDE ALL EMPTY CONDUITS WITH PULL STRINGS AND BUSHED ENDS. MAKE LIKE NEW AFTER INSTALLATION. TAKE CARE TO LOCATE EXISTING CONDUIT, ETC AND AVOID CUTTING EXISTING CONDUITS BY NOT OVERCUTTING SLAB DEPTH. 4. SAWCUT AND CORE DRILL OPENINGS AS REQUIRED FOR ABOVE GRADE SLAB
- PENETRATIONS. XRAY SLABS TO ASCERTAIN STEEL AND EXISTING CONDUIT PENETRATIONS PRIOR TO CUTTING. VERIFY OPENINGS WITH STRUCTURAL ENGINEER PRIOR TO CUTTING. 5. HOMERUN CIRCUITS TO 20 AMP, SINGLE POLE BREAKERS IN PANELBOARDS INDICATED. UTILIIZE SPARE BREAKERS MADE AVAILABLE BY DEMOLITION. IF NO
- SPARE BREAKER IS AVAILABLE, PROVIDE NEW BREAKER. 6. EXISTING CIRCUITING MAY BE RE-USED WHERE POSSIBLE, AND SAME COMPLIES WITH ALL APPLICABLE SECTIONS OF THE SPECIFICATIONS.
- 7. CONCEAL NEW CIRCUITING IN WALLS WHERE POSSIBLE. FOR NEW DEVICES INSTALLED ON EXISTING SOLID WALLS, CONCEAL CIRCUITING IN WIREMOLD COORDINATE FINISH AND GENERAL ROUTING OF WIREMOLD WITH ARCHITECT TO BE AS CONCEALLED AND/OR ROUTED IN A NEAT AND ORGANIZED CONSISTENT MANNER.

- 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERISION OF THE INTERNATIONAL MECHANICAL CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ.
- FASTENED FROM STRUCTURE.
- REQUIREMENTS OF THE WALL/CEILING THEY ARE INSTALLED.
- COORDINATE WITH OTHER TRADES.

- REQUIREMENTS OF THE AHJ. THE CHASE
- 3. PROVIDE CLEANOUTS IN THE FOLLOWING LOCATIONS:
- 4. AT THE BASE OF EACH WASTE OR SOIL STACK. 5. NEAR THE JUNCTION OF THE BUILDING DRAIN AND BUILDING SEWER.

- REQUIREMENTS OF THE AHJ.
- CASEWORK AND ELEVATIONS. NOT INDICATED OTHERWISE.
- WHERE REASONABLY POSSIBLE.

- FOR EQUIPMENT (KITCHEN, SHOP, ETC.)
- EQUIPMENT TAG. REFER TO CONNECTIONS SCHEDULE(S) FOR ELECTRICAL CONNECTIONS AND LOAD INFORMATION

(XXX)

ND

CTION

I IPPI Y ETURN ER SUPPLY ER RETURN WATER SUPPLY WATER RETURN DENOTE PRESSURE) TURN (ANY #'S DENOTE PRESSURE)

NATER ATER DOMESTIC HOT WATER RADE OR FLOOR RADE OR FLOOR OVE GRADE OR FLOOR

LOW GRADE OR FLOOR V ABOVE GRADE OR FLOOR V BELOW GRADE OR FLOOR TING HOT WATER S WATER

RGE (FROM SUMP PUMPS /

PING/SERVICE HEAD - PENDANT HEAD - SIDEWALL

T SIAMESE CONNECTION ALVE

PIPING SYMBOLS $\rightarrow \sim$ SHUTOFF VALVE —Э SHUTOFF VALVE IN RISER ____0 _____ —+₊+— -+7 ____ —**⊭**— _____] -+++++--+T-T+--

-177-

BALANCING VALVE PIPING ELBOW UP PIPING ELBOW DOWN PIPING TEE PIPING ELBOW PIPING TEE UP PIPING TEE DOWN INCREASER/REDUCER UNION CAP PIPE FLEX 3-WAY VALVE CHECK VALVE Y-STRAINER IN-LINE (BASKET) STRAINER AUTOMATIC 2-WAY CONTROL VALVE AUTOMATIC 3-WAY CONTROL VALVE SOLENOID VALVE

PIPING SPECIALTIES PRESSURE AND TEMPERATURE GAUGE (WITH COCK) THERMOMETER

PRESSURE REDUCING VALVE RELIEF VALVE WATER HAMMER ARRESTOR ___1[±]1____

PIPING FIXTURES / EQUIPMENT HOSE BIBB WALL HYDRANT Þ 💿 RPZ DCPB \square \odot

CLEANOUTS REDUCED PRESSURE BACKFLOW PREVENTER DOUBLE CHECK BACKFLOW PREVENTER PLUMBING FIXTURE AND CALLOUT FLOOR DRAIN, AREA DRAIN, OR FLOOR SINK ROOF DRAIN OR OVERFLOW ROOF DRAIN

GENERAL MECHANICAL NOTES DEMOLITION NOTES

- 2. ANY POWER FOR CONTROL SYSTEMS TO BE PROVIDED BY E/C IS INDICATED ON ELECTRICAL PLANS. ANY ADDITIONAL LINE VOLTAGE OR LOW VOLTAGE POWER REQUIRED BY THE M/C OR SUBCONTRACTORS TO HAVE A FULLY FUNCTIONING SYSTEM SHALL BE PROVIDED BY THE M/C CONTRACTOR OR SUBS. 3. ALL EQUIPMENT SHALL BE ADEQUATELY AND PROPERLY SUPPORTED AND 4. ALL EQUIPMENT AND ACCESSORIES INSTALLED IN CONCEALED SPACES REQUIRING ACCESS SHALL BE PROVIDED WITH ACCESS DOORS MEETING ANY FIRE
- 5. EACH AIR HANDLING UNIT OVER 2000CFM SHALL BE PROVIDED WITH A SMOKE DETECTOR TO SHUT DOWN THE UNIT PER IMC 606 AS REQUIRED BY AHJ. 6. START UP AND ADJUST ALL EQUIPMENT AND VERIFY ALL MECHANICAL SYSTEMS IN OPERATE IN ACCORDANCE WITH THEIR INTENDED PURPOSES. SUBMIT BALANCE
- AND START UP REPORTS TO THE A/E. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL REQUIREMENTS.

GENERAL PLUMBING NOTES 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED

VERISION OF THE INTERNATIONAL PLUMBING CODE, LOCAL AND STATE CODES, AND 2. NO PIPING SHALL BE INSTALLED WHERE IT WILL SUBJECT TO FREEZING TEMPERATURES. PIPING IN EXTERIOR WALLS SHALL BE INSTALLED ON THE WARM SIDE OF BUILDING INSULATION, INSULATED AND THE CHASE SHALL BE VENTILATED WITH GRILLES ALLOWING INDOOR AMBIENT CONDITIONS TO CIRCULATE THROUGH

1. IN ALL HORIZONTAL DRAINS (WITHIN THE BUILDING) NOT MORE THAN 100 FEET 2. IN BUILDING SEWERS LOCATED NO MORE THAN 100 FEET APART MEASURED FROM THE UPSTREAM ENTRANCE OF THE CLEANOUT. 3. EACH CHANGE OF DIRECTION OF THE BUILDING DRAIN OR HORIZONTAL WASTE OR SOIL LINES GREATER THAN 45 DEGREES. WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A RUN OF PIPING, ONLY ONE CLEANOUT SHALL BE REQUIRED FOR EACH 40 FEET OF DEVELOPED LENGTH OF THE DRAINAGE PIPING.

GENERAL ELECTRICAL NOTES

1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE, LOCAL AND STATE CODES, AND 2. COORDINATE LOCATIONS OF RECEPTACLES, SWITCHES, ETC. WITH ARCHITECTURAL 3. REFER TO MOUNTING HEIGHTS DETAIL FOR MOUNTING HEIGHTS OF ALL DEVICES

5. CONTRACTOR SHALL CONCEAL ALL CONDUIT, FITTINGS, AND DEVICES FROM VIEW

- 1. ALL WORK SHOWN DARK AND DASHED IS TO BE DEMOLISHED. WORK SHOWN LIGHT IS EXISTING TO REMAIN. 2. REFER TO ARCHITECTURAL PLANS FOR FURTHER EXTENT OF DEMOLITION REQUIREMENTS.
- 3. ALL EXISTING PIPING SCHEDULED FOR DEMOLITION THAT ROUTES BELOW SLAB SHALL BE GROUND FLUSH WITH FLOOR, PLUGGED AND THE FLOOR PATCHED TO MATCH SURROUNDING FLOOR.
- 4. COORDINATE ALL DEMOLITION WORK WITH OWNER. 5. CONTACT UTILITY LOCATING SERVICE TO LOCATE EXACT LOCATION OF UTILITIES BELOW GRADE.
- 6. MAINTAIN ALL EXISTING DEVICES, EQUIPMENT, ASSOCIATED CIRCUITS ETC. SHOWN AS EXISTING TO REMAIN OR OTHERWISE UNRELATED TO THE SCOPE OF THE PROJECT IN WORKING ORDER 7. CONTRACTOR SHALL REMOVE LAY-IN CEILINGS, LIGHT FIXTURES, ETC. AS REQUIRED FOR CONSTRUCTION WHERE NEEDED PRIOR TO DEMOLITION AND REPLACE SAME AFTER CONSTRUCTION. EXISTING CONDUITS ABOVE CEILINGS SHALL BE RELOCATED
- AND/OR TEMPORARILY REMOVED TO FACILITATE THE INSTALLATION OF NEW EQUIPMENT. 8. THE OWNER SHALL REMOVE ALL ITEMS THEY DESIRED TO SALVAGE PRIOR TO CONSTRUCTION BEGINNING. 9. NOTES AND DRAWINGS ARE BASED UPON A FIELD EXAMINATION OF THE SITE AND MAY NOT INDICATE ALL ITEMS. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE SITE AND THE SCOPE OF WORK FOR THE CONTRACT PRIOR TO BID. ANY EXISTING CONDITION WHICH IS APPARENT OR COULD
- BE REASONABLY INFERRED FROM A VISIT TO THE SITE SHALL NOT BE THE BASIS FOR A CHANGE IN THE CONTRACT AMOUNT. 10. REFER TO NEW WORK PLANS FOR ANY ITEMS THAT MAY REQUIRE RELOCATION AFTER DEMOLITION. 11. PROPERLY DISPOSE OF ALL DEMOLISHED ITEMS OFF SITE.
- 12. REMOVE ALL MISCELLANEOUS CONDUITS, PIPES, ETC, THOUGH NOT SPECIFICALLY SHOWN ON PLAN, THAT ARE EITHER UNUSED OR WILL BECOME UNUSED DUE DEMOLITION ACTIVITIES, IN ORDER TO PROVIDE A "CLEAN" SPACE FOR THE OWNER. 13. PROTECT ALL EXISTING SURFACES AND EQUIPMENT DURING
- CONSTRUCTION. EXISTING ITEMS TO REMAIN SHALL BE ADEQUATELY PROTECTED FROM DEMOLITION AND NEW CONSTRUCTION WORK, AS REQUIRED. ANY ITEMS DAMAGED OR MARRED SHALL BE ADEOUATELY CLEANED OR REPLACED TO THE OWNERS SATISFACTION TO ORIGINAL CONDITION BEFORE CONSTRUCTION.
- 14. PATCH ANY HOLES IN STRUCTURE CREATED BY REMOVAL OF DUCTWORK, CONDUITS, PIPES, ETC. 15. REMOVE ALL ITEMS SHOWN IN WALLS TO BE DEMOLISHED. ALL ELECTRICAL CONDUIT AND WIRING SHALL BE REMOVED BACK TO PANELBOARDS AND PROPERLY TERMINATED. 16. SAW CUT FLOOR FOR THE INSTALLATION OF NEW SANITARY
- PIPING. REFER TO PLUMBING PLANS SHOWING NEW WORK. 17. SAVE, CLEAN, AND RE-LAMP ALL LIGHT FIXTURES NOTED AS BEING RELOCATED. REFER TO NEW WORK PLANS AND LIGHT FIXTURE SCHEDULE FOR DESCRIPTIONS, QUANTITIES, AND LOCATIONS OF FIXTURES TO BE RE-USED.

SHEET INDEX

MEP0.01	COVER SHEET
MEP0.02	THROUGH PENETRATION DETAILS
M0.01	DEMOLITION PLAN
M1.01	MECHANICAL - HVAC
M2.01	MECHANICAL SCHEDULES
M3.01	MECHANICAL DETAILS
P0.01	DEMOLITION PLAN
P1.01	PLUMBING - DOMESTIC WATER
P2.01	PLUMBING - WASTE & VENT
P3.01	PLUMBING SCHEDULES
P4.01	PLUMBING DETAILS
E0.01	DEMOLITION PLAN
F1.01	FLECTRICAL - LIGHTING

E2.01 ELECTRICAL - POWER E3.01 ELECTRICAL RISER DIAGRAM EARL EARCIRKALSCHEDULESUDET mann







GENERAL HVAC NOTES 1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITION

- REQUIREMENTS OF WORK. 2. ROUND BRANCH DUCT RUNOUTS AND FLEXIBLE DUCT SHALL BE THE SAME SIZE AS THE DIFFUSER NECK UNLESS NOTED OTHERWISE.
- 3. MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 5 -0".







GENERAL PLUMBING NOTES . REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONA

- REQUIREMENTS OF WORK. 2. REFER TO PLUMBING FIXTURE / DRAIN SCHEDULES FOR PIPING SIZES FOR INDIVIDUAL CONNECTIONS TO FIXTURES AND RISERS NOT SHOWN ON PLANS.
- 3. NO SANITARY OR VENT PIPING BELOW GRADE SHALL BE LESS THAN 2". 4. NO DOMESTIC WATER PIPING SHALL BE SMALLER THAN 3/4" UNLESS NOTED
- OTHERWISE. 5. ALL VENT PIPING SHOWN IS DIAGRAMMATIC. USE APPROPRIATE FITTINGS FOR VENT PIPING BELOW FLOOD RIM OF FIXTURE.
- 6. NOT ALL CLEANOUTS ARE SHOWN FOR DRAWING CLARITY. CONTRACTOR SHALL INSTALL ALL CODE-REQUIRED CLEANOUTS (RE: GENERAL NOTES ON COVER SHEET). COORDINATE EXACT LOCATIONS OF CLEANOUTS WITH ARCHITECT.
- 7. PROVIDE TRAP SEAL FOR EACH FLOOR DRAIN.





DECODIDEION	LED MODULE / DRIVER										
DESCRIPTION	ID	BASE/LENGTH	WATTS	TOTAL W	LUMENS	TOTAL L	CRI	ССТ	DIMMING	VOLTAGE	REMARKS
IETER RECESSED ROUND DOWNLIGHT. DIMMABLE, LED LIGHT ENGINE WITH ALUMINUM HEAT SINK. PECULAR LENS. MEDIUM DISTRIBUTION. COORDINATE FINISH WITH ARCHITECT.	30L	-	34	34	3,000	3,000	80	3000	NO	120	1
TECTURAL 6" WALL SCONCE. MEDIUM BEAM ANGLE, CONFIRM FINISH WITH ARCHITECT.	-	-	21	21	1,050	1,050	80	3000	NO	120	1
TECTURAL POLE-MOUNTED FIXTURE. DIE-CAST ALUMINUM HOUSING. DIE-CAST DOOR FRAME WITH CAM INTEGRAL HINGE, AND FULL SILICONE GASKETING. IES TYPE III DISTRIBUTION . CAST ALUMINUM RT ARM UL-LISTED WET LOCATION. PROVIDE WITH 12' HIGH, SQUARE STRAIGHT STEEL POLE. ER COAT FINISH DARK BRONZE - COORDINATE EXACT COLOR WITH ARCHITECT.	54L 750mA	1	106.2	106.2	13,407	13,407	70	4000K	NO	120	. 1
TECTURAL POLE-MOUNTED FIXTURE. DIE-CAST ALUMINUM HOUSING. DIE-CAST DOOR FRAME WITH CAM INTEGRAL HINGE, AND FULL SILICONE GASKETING. IES TYPE III DISTRIBUTION . CAST ALUMINUM RT ARM UL-LISTED WET LOCATION. PROVIDE WITH 12' HIGH, SQUARE STRAIGHT STEEL POLE. ER COAT FINISH DARK BRONZE - COORDINATE EXACT COLOR WITH ARCHITECT.	54L 750mA	2	106.2	212.4	13,407	26,814	70	4000K	NO	120	1
TECTURAL POLE-MOUNTED FIXTURE. DIE-CAST ALUMINUM HOUSING. DIE-CAST DOOR FRAME WITH CAM INTEGRAL HINGE, AND FULL SILICONE GASKETING. IES TYPE III DISTRIBUTION . CAST ALUMINUM RT ARM UL-LISTED WET LOCATION. PROVIDE WITH 17' HIGH, SQUARE STRAIGHT STEEL POLE. ER COAT FINISH DARK BRONZE - COORDINATE EXACT COLOR WITH ARCHITECT.	54L 750mA	1	106.2	106.2	13,407	13,407	70	4000K	NO	120	1
TECTURAL POLE-MOUNTED FIXTURE. DIE-CAST ALUMINUM HOUSING. DIE-CAST DOOR FRAME WITH CAM INTEGRAL HINGE, AND FULL SILICONE GASKETING. IES TYPE III DISTRIBUTION . CAST ALUMINUM RT ARM UL-LISTED WET LOCATION. PROVIDE WITH 17' HIGH, SQUARE STRAIGHT STEEL POLE. ER COAT FINISH DARK BRONZE - COORDINATE EXACT COLOR WITH ARCHITECT.	54L 750mA	2	106.2	212.4	13,407	26,814	70	4000K	NO	120	1
TECTURAL POLE-MOUNTED FIXTURE. DIE-CAST ALUMINUM HOUSING. DIE-CAST DOOR FRAME WITH CAM INTEGRAL HINGE, AND FULL SILICONE GASKETING. IES TYPE IV DISTRIBUTION . CAST ALUMINUM RT ARM UL-LISTED WET LOCATION. PROVIDE WITH 12' HIGH, SQUARE STRAIGHT STEEL POLE. ER COAT FINISH DARK BRONZE - COORDINATE EXACT COLOR WITH ARCHITECT.	54L 750mA	1	108.2	108.2	13,837	13,837	70	4000K	NO	120	1
TECTURAL POLE-MOUNTED FIXTURE. DIE-CAST ALUMINUM HOUSING. DIE-CAST DOOR FRAME WITH CAM INTEGRAL HINGE, AND FULL SILICONE GASKETING. IES TYPE IV DISTRIBUTION . CAST ALUMINUM RT ARM UL-LISTED WET LOCATION. PROVIDE WITH 17' HIGH, SQUARE STRAIGHT STEEL POLE. ER COAT FINISH DARK BRONZE - COORDINATE EXACT COLOR WITH ARCHITECT.	54L 750mA	1	108.2	108.2	13,837	13,837	70	4000K	NO	120	1

10.0 **1**0.1 **1**0.2 **1**0.5 **1**1.1 **1**2.4 **1**3.3 **1**4.1 **1**3.3 **1**2.3 **1**1.0 **1**0.4 **1**0.2 **1**0.1 **1**0.1 **1**0.1 **1**0.1 **1**0.0 *0.1 *0.2 *0.4 *1.1 *1.8 *2.2 *2.1 *2.3 *2.7 *3.5 *3.6 *2.7 *1.9 *1.9 *0.4 *0.2 *0.1 /*0.1 /*0.1 /*0.0 *0.0 /*0.0 *0.0 ANCHOR PLATE -----◆0.1 / +0.2 × 10.3 × 6 × 1.9 × 1.3 × 1.5 × 1.7 × 3.1 × 4.1 × 5.7 × 6.9 × 4.9 × 3.6 × 2.1 × 1.1 × 0.7 × 0.2 × 0.1 × 0.1 × 0.0 × 0.0 *0.4 *0.5 *0.9 *1.0 *0.8 *0.8 *0.7 *1.1 *2.7 *6.8 9 *7.1 *4.9 *3.5 *1.9 *9.8 *0.3 *0.1 *0.1 *0.0 #0.0 ANCHOR BOLT -**+0.6 /9.2 +0.5 +0.4 +0.3 +0.1 +0.1 / +0.0 +0.0** (TYPICAL) *****0.3 *****0.2 *****0.3 *****0.3 *****0.4 *****0.2 *****0.1 +0.0 +0.0 +0.0 +0.0 +0.0VERALL FIXTURE HEIGHT FROM GRADE TO FIXTURE HEAD TOP OF FIXTURE HEAD NOT TO EXCEED 20'-0" OR 15'-0" WHERE THE FIXTURE ADJOINS RESIDENTIAL PROPERTIES. +-----+ / HAND HOLE WIRE ON GROUND LUG INSIDE POLE POLE BUSHING 1" CHAMFER — - ANCHOR PLATE UNPAVED AREAS - ANCHOR BOLT (TYPICAL) GRADE ----- PAVED AREAS *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 *****0.0 (1)#6 BARE COPPER WIRE ------— #4 HORIZONTAL BAR. WIRE CONCRETE BASE OR TACK WELD VERTICAL AT 36" O.C. (TYP) CAP WELD — — #6 VERTICAL BAR. WIRE OR TACK WELD TO BOLTS - LAP 24". (TYP. 4) - CONDUIT 1/2"x5'-0" COPPER — CLAD GROUND ROD SECTION POLE BASE DETAIL NOT TO SCALE **+**0.0 **+**0.0 **+**0.0 **+**0.0 **+**0.0 **+**0.0 **+**0.0 **+**0.0 **+**0.0

+0.0





PROJEC Job Name

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	TEL 905.695. FAX 905.695. 33 West Beaver Creek Road R	2055 toll free 1.800.660.539 2056 toll free 1.800.660.539 Lichmond Hill, Ontario Canada L4B 1L
ANNETTE, LED OUTDOOR WAL	L SCONCE	
	PRODUCT DETAILS	
	No. Product Color Product Material Width Height Ext Weight	 42708-018 SATIN BLACK POWDER COATING OVER GALVANIZED STEEL 5.25" 23" 2.5" 3lbs
	LIGHT SOURCE DET	AILS
OPTIONS AVAILABLE	Light Source Type Input Voltage Bulb Voltage Socket Type Total Wattage Total Lumen Kelvin CRI Dimmable	: INTEGRATED LED : 120V : 120V : LED : 21W : 1050lm : 3000K : 90 : Yes
TEM NO. FINISH SHADE	TECHNICAL DETAILS	S
2708-025 SILVER	Canopy / Backplate Length Canopy / Backplate Height Canopy / Backplate Width Driver Location Approval	: 5.25" : 1" : 5.25" : NOVBO : WET :
2302 5407 42708-018		

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KIM LIGHTING [®]

		PROJECT:		IIING	DATE: TYPE:	PROJECT:	
ARA2 ARCHITECTURAL AREA/SITE	CATALOG #:		ARAZ	AL AREA/SITE	CATALOG #:		
ORDERING GUIDE						The Archetype	ڮ
CATALOG #		Example: 1A-ARA2-54L-750-35K8-3-CLR-SQ-UNV-B	ELT-7PR-SF FEATURES • TIR Strike Optics • Available in Monor • Type 1, 2, 3, 4, 4W • 0 - 10V dimming	s ochromatic Amber, 2700K, 3000K, /, 5W, 5QM, L, and R distributions drivers standard	, 3500K, 4000K and 5000K		
Mounting Model LED 1A Single Arm Mount ARA2 The Archetype 2.0 Large 54L- 1W Wall Mount Fixture 54L- HSF Horizontal Slipfitter Slipfitter 81L-7	Definition CCT/CRI ⁶ Distributi -560 54 LEDs - 11,000 Lumens AM ⁷ Monochromatic Amber 27K8 ² 1 Ty -750 54 LEDs - 14,000 Lumens 27K9 ² 2700K, 80CRI 2 Ty 3K7 3000K, 70CRI 3 Ty 3K8 ² 3000K, 80CRI 4 Ty 3K8 ² 3000K, 80CRI 4W Ty 3K8 ² 3000K, 80CRI 4W Ty	Image: Non-Section service Lens Options House Side Side Side Side Side Side Side Sid	hted • IP65 optical asse	BUT BUT Southing See Certification Specification Specification	<i>,</i>		
	3K9 ² 3000k, 90CRI 5W ly 35K8 ² 3500k, 80CRI 5QM Ty 35K9 ² 3500k, 90CRI R Co 4K7 4000k, 70CRI L Co	/pe V Wide /pe V Square Medium orner Right orner Left		ECHNOLOGY	ISCAPE [®]	RELATED PRODUCTS Ø_Ouro Ø_Pavilion Ø_	PGL8
	4K8 2 4000K, 80CRI 4K9 2 4000K, 90CRI 5K7 5000K, 70CRI 5K8 2 5000K, 80CRI 5K9 2 5000K, 90CRI		SPECIFICAT CONSTRUCTION • One piece die-ca (<0.6% Cu) Alumi cooling ribs over electrical compa • Solid barrier wall	ast housing, low copper inum Alloy with integral r the optical chamber and rtment separates optical and	 CONSTRUCTION (CONTINUED) Arm is circular cut for specified round Optional cast, low copper aluminum horizontal slip-fitter with adaptor plat secure the luminaire to 2" IPS pipe si 	ELECTRICAL ad pole • Dimming range from 10% the use of standard 0-10 programmable driver size arms • Modular wiring harness i provides user access to	% to 100% through DV interface on the in the service area the dimming circuity
Mounting Options Voltage VSF * Vertical Slipfitter Mount for 2" pipe tenon (2-3/8"O.D. x 4" LONG) UNV SVSF * Vertical Slipfitter Mount square for 2" pipe tenon (2-3/8"O.D. x 4" LONG) 480 2.40 Side Arm Mount 2.4" O.D. Pole Image: Side Arm Mount 2.4" O.D. Pole	ge Fixture Finish Photocell Option 120-277V BLS Black Gloss Smooth 347V BLT Black Matte Textured 480V DBS Dark Bronze Gloss Smooth DBT Dark Bronze Matte Textured GTT Graphite Matte Textured	Fuse Options Other Options btocell SF 120, 277, 347 Line Volts TPL Tamper Resistant btoccell DF 208, 240, 480 Line Volts Line Volts	electrical compa Double-thick wal support-arm mou Housing forms a face plane provio single-latch deta	rtments II with gussets on the unting end half cylinder with 55° front ding a recess to allow a flush iI	 Optional cast auminum wail mount p assembly. Attaches to the wall over t junction box. Luminaire attaches to th wall plate OPTICS Optical cartridge system consisting of cast heat sink, LED Total Internal Refi 	the Optional factory program the Surge protection: 10kV s • SF for 120, 277, 347 Line DF for 208, 240, 480 Lir of a die flection CONTROLS	nmed dimming profile surge suppression e volts ne volts
3 Side Arm Mount 3" O.D. Pole 3.25 Side Arm Mount 3.25" O.D. Pole 3.5 Side Arm Mount 3.5" O.D. Pole 3.75 Side Arm Mount 3.75" O.D. Pole 4 Side Arm Mount 4.5" O.D. Pole 4.5 Side Arm Mount 4.5" O.D. Pole 5 Side Arm Mount 4.5" O.D. Pole	LGS Light Grey Gloss Smooth LGT Light Grey Matte Textured PSS Platinum Silver Smooth VGT Verde Green Matte Textured WHS White Gloss Smooth WHT White Matte Textured Color Option		 All hardware is si plated steel Finish: fade and electrostatically a triglycidal isocya powdercoat One-piece die-ci 	tainless steel or electro-zinc abrasion resistant, applied, thermally cured, nurate (TGIC) polyester ast, low conner (<0.6% Cu)	 (TIR) optics, gasket and bezel plate Molded silicone gasket ensures a we proof seal around each individual LE Features revolutionary individual LEE control based on high performance optical designs 	 7-pin Receptacle and Bureather- CERTIFICATIONS AND LI Listed to UL1598 and CS 24 for wet location and a temperatures IDA approved, 3000K and a temperatures 	utton Photocell ISTINGS SA C22.2#250.0- 40°C ambient nd warmer CCTs on
Side Arm Mount S Cut. Pole Side Arm Mount 6" O.D. Pole SQ Side Arm Mount Square Pole Control Options Control Accesso SCH-R Round Pole Mounted SW7PR 4	CC Custom Color pries ³ SiteSync with 7 pin PCR	Notes:	 One-piece die-ci aluminum alloy le depth around the Optional clear 1/8 retained by eight gasketing around Optional, fixture s flat, clear, UV stal gasketed, replace 	ens frame with 1" minimum e gasket flange 8" thick tempered glass lens t steel clips with full silicone d the perimete supplied with a one-piece bilized polycarbonate, fully ing the standard tempered	 Optional BackLight Control for comp control of unwanted backlight IP65 Optical assembly Type 1, 2, 3, 4, 4W, 5W, 5QM, R, and I standard distributions Available in Monochromatic Amber, 2 3000K, 3500K, 4000K and 5000K Die-cast, low copper aluminum heat 	L RoHS compliant - This product qualifies as country construction ma 52.225-11 Buy American Materials under Trade A 6/06/2020. See Buy Am 2700K, WARRANTY - 5 year warranty t sink	s a "designated aterial" per FAR h-Construction kgreements effective herican Solutions
(Occupancy Sensor up to 16' to 30') SCH-S Square Pole Mounted (Occupancy Sensor up to 16' to 30') SWTAB ⁵ SWBRG WIR-RME-L NXOFM-1R1D-UN	SiteSync Software on USB SiteSync Windows Tablet SiteSync Wireless Bridge Node wiSCAPE 7-pin Module NV NX 7-pin Module	 Not available with 5QM and 5W distributions See Lumen Multiplier chart on Page 12 for lumen scaling Consult factory for additional details. Not available with other sensor or wireless control optio Specify group and zone at time of order, See www.hubbe com/sitesync for more details. Order at least one SiteSyn accessory SWUSB or SWTAB. Each option contains SiteS GUI, and Bridge Node Microsoft, Encarta, MSN, and Windows are either register trademarks or trademarks of Microsoft Corporation in the States and/or other countries S-step MacAdam Ellipse Binning Turtle Friendly. 	glass lens. CAUT vandalism is antic is limited by UV of A program of reg ellighting. cinterface ync License, ed United ory for Exercise (Construction of the second of the second (Construction of the	ION: Use only when cipated to be high. Useful life discoloration from sunlight. Jular inspection and periodic ighly recommended to n fixture performance ed aluminum arm with internal July radiussed top and bottom e attachment is by internal ncludes a pole reinforcing train relief	 modules provide thermal transfer at PCB level Anodized aluminum heat sink modul INSTALLATION Fixtures must be grounded in accord with national, state and/or local elect codes. Failure to do so may result in personal injury 	See <u>HLI Standard Warra</u> additional information KEY DATA Lumen Range dance Wattage Range trical serious Efficacy Range (LPW) Reported Life (Hours) Weight	4,363–20,338 4,363–20,338 88.7–178.2 46.2–128.3 L70/60,000 50 lbs 22.68 kg
age 2/13 Rev. 07/20/21 © 2021 K RA2 701 Miller	Kim Lighting, a division of Hubbell Lighting, Inc. Specifications subject to c nnium Blvd • Greenville, SC 29607 / Tel 864.678.1000 / Website www.kim	change without notice. nlighting.com	BBELL Page 1/13 Rev. 07/20/21 Sing ARA2	© 2021 Kim Lighting, 701 Millennium Blvd •	, a division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678.1000 / Website www.	t to change without notice. w.kimlighting.com	HUBBEL Lighting
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Page 2/13 Rev. 07/20/21 ARA2 CORESCOLITE LITEISTRY 6" ROUND RETROFIT DO DRDERING GUIDE	Kim Lighting, a division of Hubbell Lighting, Inc. Specifications subject to c nmium Blvd • Greenville, SC 29607 / Tel 864.678.1000 / Website www.kim 	change without notice. highting.com COCATION: PROJECT:	BBELL ARA2 Page 1/13 Rev. 07/20/21 ARA2	© 2021 Kim Lighting, 701 Millennium Bivd Olite SRD-RFH	, a division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678.1000 / Website www. 	to change without notice. w.kimilighting.com LICCATION: URDJECT: LITEISTRY	HUBBEL Lighting
Page 2/13 Rev. 07/20/21 NRA2 CORESCOLITE LITEISTRY 6" ROUND RETROFIT DO ORDERING GUIDE CATALOG #	Kim Lighting, a division of Hubbell Lighting, Inc. Specifications subject to o nmium Blvd • Greenville, SC 29607 / Tel 864.678.1000 / Website www.kim 	change without notice. hlighting.com	BBELL BBELL Page 1/13 Rev. 07/20/21 ARA2 Page 1/13 Rev. 07/20/21 ARA2 SK8MD–S FEATURES - 6" architectural	© 2021 Kim Lighting, 701 Millennium Bivd Olite SRD-RFH DUND RETROFIT DOWNLIG	a division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678.1000 / Website www. DATE: 	to change without notice. wkimlighting.com LICCATION: PROJECT: LITEISTRY	UBBEL Lighting
ege 2/13 Rev. 07/20/21 RA2 C2021K 701 Millier CONTRESCOLITE CONTRESCOL	Kim Lighting, a division of Hubbell Lighting, Inc. Specifications subject to community Bivd - Greenville, SC 29607 / Tel 864.678.1000 / Website www.kim DATE: TYPE: CATALOG #: DWNLIGHT En Package Lumen Output Standard O6L Lumen OUtput DM1 0-10V Dimming to 1% DM01 0-10V Dimming to 1% DM01 0-10V Dimming to 1% DMX DMX with RDM dimming to <01% 2 DALI DALI Dimming to 1%	change without notice. highting.com CLOCATION: PROJECT: Cample: LTR-6RD-RFH-SL10L-DM1-LTR-6RD-T-SL3 Comple: LTR-6RD-RFH-SL10L-DM1-RFH	BBELL BRES	© 2021 Kim Lighting, 701 Millennium Bivd Olite SRD-RFH DUND RETROFIT DOWNLIG LED retrofit downlight delivering butions from 0.3 to 1.1 Spacing Cl ppearance with superior 50° op 5, 80+ and 90+ CRI options it (non-IC) applications ng protocol options including 0- rward Phase, and EcoSystem	a division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678.1000 / Website www DATE: 	to change without notice. kkimlighting.com	
age 2/13 Rev. 07/20/21 RA2 C2021K 2010 Caracal Caraca	Kim Lighting, a division of Hubbell Lighting, Inc. Specifications subject to commum Blvd • Greenville, SC 29607 / Tel 864.678.1000 / Website www.kim DATE: TYPE: CATALOG #: DWNLIGHT En Package Lumen Output Standard O6L 10L 1000 15L 1500 Medium 20L 2000 Lumen 25L 2500 30L 3000 DALI	change without notice: lighting.com COLATION: PROJECT: Rample: LTR-6RD-RFH-SL10L-DM1-LTR-6RD-T-SL3 Kample: LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LTR-6RD-RFH-SL10L-DM1-LT	SKBMD-S SKBMD-	© 2021 Kim Lighting, 701 Millennium Bivd	a division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678.1000 / Website www. DATE: 	to change without notice. kkimlighting.com LOCATION: PROJECT: CITEISTRY LITEGRD New Construction SpectraSync LIR-6RD New Construction C	CRDPH VerHUBB ITEISTRY Dily
Caralog # Continuitien Caral	Standard OGL Diver Options Standard 06L 600 10L 1000 15L 1500 Medium 20L 2000 Lumen 30K 3000 Standard Lumen 30K 3000K 30K 3000K 9 90+CRI NR Medium Lumen 30K 3000K 9 90+CRI NR MD 30K 3000K 9 90+CRI NR MD 30K 5000K ¹ WD WD	LOCATION: PROJECT: kample: LTR-6RD-RFH-SL10L-DM1-LTR-6RD-T-SL3 Standard 120-277V 34 34 34 34 34 347/9 F Fuse Voltage Housing Options 5 5 5 5 5 6 34 347/9 F Fuse 1 <td>BBELL BELL BELL BELL BELL BELL BELL BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELT BELT BELT BELT BELL BELT BELT BELL BELT</td> <td>CIONS Contact Sector S</td> <td>a division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678.1000 / Website www DATE: TYPE: CATALOG #: HT 600 – 3000 lm riteria btical cutoff -10V, DALI, • Chip-on-board LED with 2 SDCM • Multiple CCTs, 80+ or 90+ CRI • Long LED life: L90 at >55,000 hours • Lipiversal voltage 1201/ 2771/ doi:10.1016</td> <td>to change without notice. kinnlighting.com LICCATION: PROJECT: CETEISTRY CONSTRUCTION ELITEISTRY CONSTRUCTION CONSTRUCTION CONSTRUCTION CERTIFICATIONS CCSAlus Certified to UL 1 Suitable for wet location s (TM-21) Approved for 8 (4 in/4 o conductors rated for 90</td> <td>EGRDPH VerHUBB ITEISTRY Dily 1598 Ins, covered ceiling put) No. 12AWG P°C through wiring</td>	BBELL BELL BELL BELL BELL BELL BELL BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELL BELT BELT BELT BELT BELT BELL BELT BELT BELL BELT	CIONS Contact Sector S	a division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678.1000 / Website www DATE: TYPE: CATALOG #: HT 600 – 3000 lm riteria btical cutoff -10V, DALI, • Chip-on-board LED with 2 SDCM • Multiple CCTs, 80+ or 90+ CRI • Long LED life: L90 at >55,000 hours • Lipiversal voltage 1201/ 2771/ doi:10.1016	to change without notice. kinnlighting.com LICCATION: PROJECT: CETEISTRY CONSTRUCTION ELITEISTRY CONSTRUCTION CONSTRUCTION CONSTRUCTION CERTIFICATIONS CCSAlus Certified to UL 1 Suitable for wet location s (TM-21) Approved for 8 (4 in/4 o conductors rated for 90	EGRDPH VerHUBB ITEISTRY Dily 1598 Ins, covered ceiling put) No. 12AWG P°C through wiring
Page 2/13 Rev. 07/20/21 © 2021 K WRA2 © 2021 K Correscolite Correscolite LTR-6RD-RFH Correscolite Aperture/Shape/Function – LTR-6RD-RFH Downlight Retrofit Aperture/Shape/Function – LTR-6RD-RFH Downlight Retrofit HOUSING – LTR-6RD-RFH Downlight Retrofit Housing 5 – LTR-6RD-RFH Downlight Retrofit Housing 5 – LTR-6RD-RFH Downlight Retrofit Housing 5 – LTR-6RD-T – Aperture/Shape/Function – LTR-6RD-T – Signie/Correactions/// Correaction –<	Kim Lighting, a division of Hubbell Lighting, Inc. Specifications subject to c mmum Bivd - Greenville, SC 29607 / Tel 864 678,1000 / Website www.kim TYPE:	LOCATION: Image without notice. INPOJECT: Image without notice. Remple: LTR-6RD-RFH-SL10L-DM1-LTR-6RD-T-SL3 Standard F Fuse 34 347V ⁶ Project Image without notice. Image without notice. F Project: F Standard F Wide (13 SC/59)	SBELL Page 1/13 Rev. 07/20/21 SEBELL Image: Second sec	© 2021 Kim Lighting, 701 Millennium Biod	A division of Hubbell Lighting, Inc. Specifications subject • Greenville, SC 29607 / Tel 864.678:1000 / Website www DATE: 	tto change without notice. winnighting.com LOCATION: PROJECT: CETEISTRY RELATED PRODUCTS UTR-6RD New Construction ' Generation ' CERTIFICATIONS ' CONSTRUCTION ' CERTIFICATIONS ' CONSTRUCTION TO TOTO ' CONSTRUCTION TO TOTO ' CONSTRUCTION TO TOTO ' CERTIFICATIONS ' C	Eighting
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425 OLDHAM PARKWAY LEE'S SUMMIT, MO

CIVIL

Proj	ect No.:	20147
Date	e:	08.03.2021
Issu	ed For:	PERMIT SET
		REVISIONS
No.	Date	Description
2	08.23.21	City Comments

REGISTRATION



PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

OLSSON

LANDSCAPE TBD

STRUCTURAL STAND STRUCTURAL ENGINEERING PLUMBING PKMR ENGINEERS

MECHANICAL PKMR ENGINEERS

ELECTRICAL PKMR ENGINEERS

FIRE PROTECTION TBD

CONTRACTOR STRAUB CONSTRUCTION



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<u>BR-1 :</u>	ENDICOT CLAY PRODUCT CO FACE BRICK: ASTM C216 GRADE: SW TYPE: FBX NORMAN SIZE (3 5/8" D X 2 1/4" H X 11 5/8" L) CUSTOM BLEND: 30% LIGHT GRAY BLEND, VELOUR 30% GRAY BLEND, VELOUR 20% GRAY BLEND, SMOOTH 20% SIENNA IRONSPOT, SMOOTH
<u>MP-1:</u>	REYNOBOND ALUMIMUM COMPOSITE METAL PANEL COLOR: "PEWTER"
<u>MP-2:</u>	24 GA. KYNAR COATED METAL CANOPY COLOR: "TBD"
<u>MP-3:</u>	FIRESTONE STANDING SEAM METAL ROOF COLOR: "TBD"
<u>MP-4:</u>	'KINGSPAN KS SERIES' INSULATED METAL PANEL W/ VERTICAL PANEL JOINTS @ 42" O.C. COLOR: "TBD"
<u>MP-5:</u>	24 GA. KYNAR COATED METAL GUTTER & DOWNSPOUT COLOR: "TBD"
<u>GL-1:</u>	STOREFRONT: PPG SOLARBAN 70XL SOLAR CONTROL LOW-E GLAZING UNIT
<u>GL-2:</u>	CURTAIN WALL: RELIANCE LOW-E CURTAIN WALL GLAZING UNIT
<u>GL-3:</u>	SPANDREL: RELIANCE SPANDREL CURTAIN WALL GLAZING W/ "SUBDUED GRAY" OPACIFIER ON 4TH SURFACE
<u>EF-1:</u>	'STO CORP STOTHERM CI XPS LOTUSAN' EXTERIOR INSULATED FINISH SYSTEM COLOR: "TBD'
<u>WD-1:</u>	ACCOYA ENGINEERED WOOD SIDING COLOR: "TBD"
<u>FX-1:</u>	EXTERIOR WALL SCONCE PER ELECTRICAL DRAWINGS
<u>FX-2:</u>	EXTERIOR WALL MOUNTED PENDANT PER ELECTRICAL DRAWIN



425 OLDHAM PARKWAY LEE'S SUMMIT, MO

Project	No.:	20147
Date:		07.16.2021
Issued For:		PERMIT SET
		REVISIONS
<u>No.</u>	Date	Description

REGISTRATION



PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE OLSSON CIVIL LANDSCAPE TBD STRUCTURAL STAND STRUCTURAL ENGINEERING PLUMBING PKMR ENGINEERS PKMR ENGINEERS MECHANICAL ELECTRICAL PKMR ENGINEERS FIRE PROTECTION TBD

CONTRACTOR STRAUB CONSTRUCTION





SHEET NUMBER





SUMMIT PARK CHURCH RENOVATION

425 OLDHAM PARKWAY LEE'S SUMMIT, MO

Proj	ect No.:	20147
Date	e:	07.16.2021
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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE ARCHITECT OLSSON CIVIL LANDSCAPE TBD STRUCTURAL STAND STRUCTURAL ENGINEERING PLUMBING PKMR ENGINEERS PKMR ENGINEERS MECHANICAL ELECTRICAL PKMR ENGINEERS FIRE PROTECTION TBD CONTRACTOR STRAUB CONSTRUCTION

SHEET NUMBER

FINKLE + WILLIAMS

8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550 www.finklewilliams.com

SHEET TITLE

EXTERIOR

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ARCHITECTURE