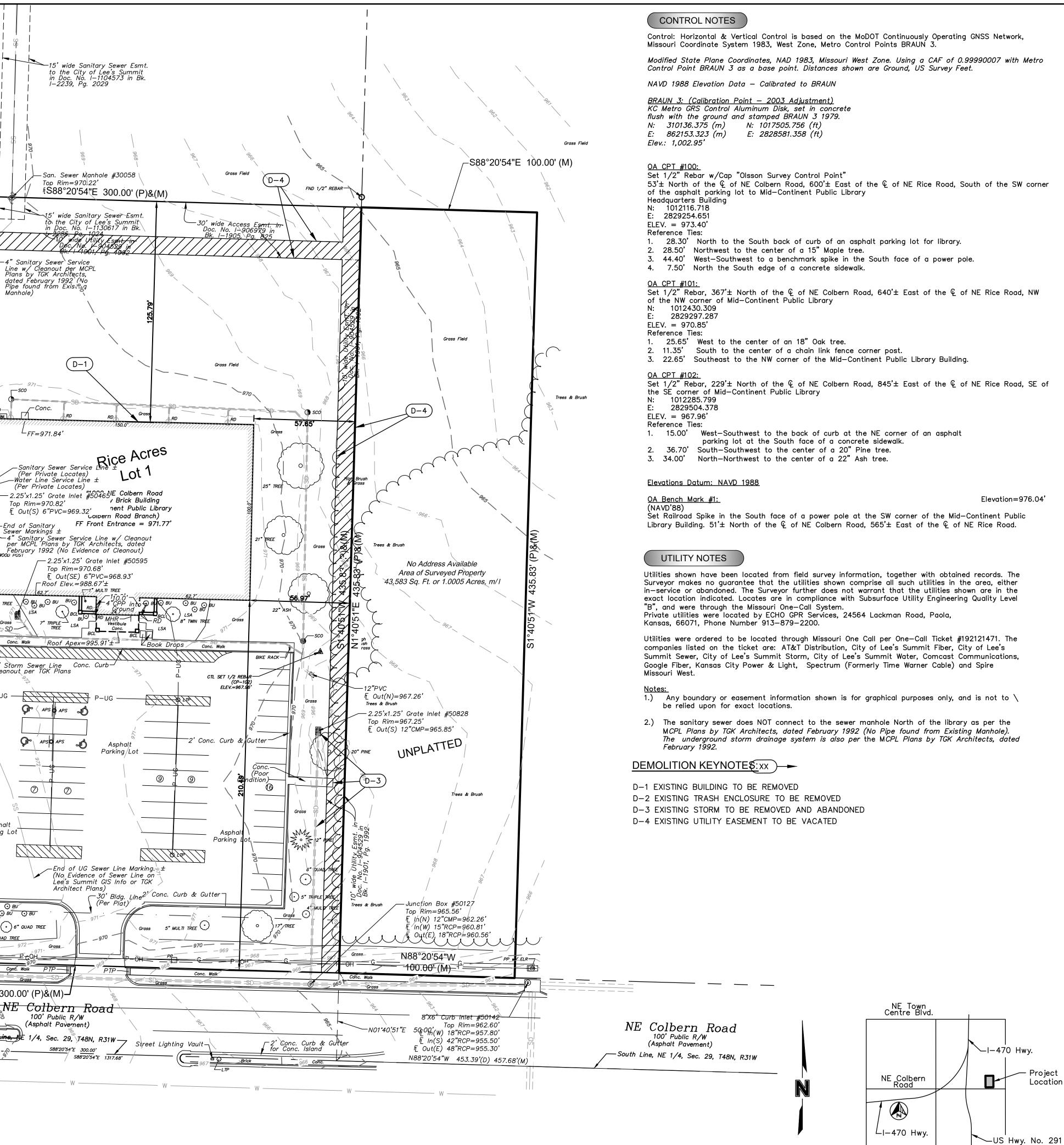
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BUNK BENCHMARK CF C HAN UNK FROE CONTOL FONT DETAL PIPE CONTOL POINT CP CONTOL POINT CP CONTOL POINT CP CONTOL POINT CP CONTOL ELEC TRISE ELECTRIC RISER E. PLOW UNCE FF FF FF FF FF FF FF FF FF F	-P-OH- $-FO$ $-SS$ $-SD$ $-SD$ $-FOV$ $-F$	OVERHEAD POWER LINE UNDERGROUND FIBER OPTIC LINE SANITARY SEWER LINE STORM LINE FIBER OPTIC VAULT BRICK SUPPORT COLUMN GRATE INLET SIGN ACCESSIBLE PARKING SIGN POWER POLE LIGHT POLE LIGHT POLE YARD LIGHT AIR CONDITIONER DECIDUOUS TREE BUSH TREE LINE GUY ANCHOR WIRE BUILDING LINE ASPHALT AMERICAN TELEPHONE & TELEGRAPH BOOK	Spire Gas Line		CTL SET 1/2 REBAR (CP-101) ELEV.=970.85' 92.28' 18" OAK G G G G G G G G	Grass RD Grass RD Conc. AC AC AC AC AC AC AC AC AC AC AC AC AC A
(M) MEASURED DIMENSION - THIS SURVEY (P) PLATTED DIMENSION ③ NUMBER OF PARKING STALLS ACCESSIBLE PARKING SPOT ★ DENOTES OA BENCHMARK	BMK CLF CMP CONC. CP CTL ELEV. ELR F F FND HDWL LSA MHR PG. PTP VC R/W RBCP RCP UG	BENCHMARK CHAIN LINK FENCE CORRUGATED METAL PIPE CONCRETE CONTROL POINT CORRUGATED PLASTIC PIPE CONTROL ELEVATION ELECTRIC RISER FLOW LINE FINISH FLOOR ELEVATION FOUND CONCRETE HEADWALL LANDSCAPE AREA METAL HANDRAIL PAGE PEDESTRIAN TRACTION PAD POLYVINYL CHLORIDE PIPE RIGHT-OF-WAY REBAR WITH CAP REINFORCED CONCRETE PIPE UNDERGROUND		(W) (W) (W) (W) (W) (W) (W) (W)	G Fiber Optic e Markings ± Asph. REE 92.99 Grass 18" TREE 0 92.99 Grass 18" TREE 0 92.99 Grass 18" TREE 0 92.99 Movable Dumpster Dumpster Dumpster Dumpster Dumpster	Conc. Walk Grass SCO 13" TRI FH Grat FH Grat Clear P-UG
$G = 888 \cdot 20'54''E = 505 \cdot 06' = 0$	(M) (P) (9)	MEASURED DIMENSION - THIS SURVEY PLATTED DIMENSION NUMBER OF PARKING STALLS ACCESSIBLE PARKING SPOT DENOTES OA BENCHMARK	End of UG F Cable M Found Gas Line Flag 4. North of North edge of F (Believe to be in Err BMK#I FND BMK SP BMK#I FND BMK SP ELEV=976.	iper obtic de arkiude	Conc. Curb & Gutter	Asphal Parking

DWG:



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helix.		
Kansas City, MO 64108 816.300.0300		
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Mid-Continent Public Library PRELIMINARY DEVELOPMENT PLANS FOR COLBERN ROAD BRANCH 100 N.E. COLBERN ROAD BRANCH 100 N.E. COLBERN ROAD LEE'S SUMMIT, MO 64086 JACKSON COUNTY		
Engineer of Record PRELIMINARY DEVELOPMENT PLAN		
NOT FOR CONSTRUCTION 12.10.19		
Terry M Parsons, Engineer MO PE-2018010505		
Coisson7301 West 133rd Street, Suite 200 Overland Park, KS 66213 TEL 913.381.1170 FAX 913.381.1174 www.olssonassociates.comOlsson Missouri State Certificate of Authority #001592Revision No.DescriptionDate		
Project No.DateDrawnB18-033009-18-18KDPDrawing No.		

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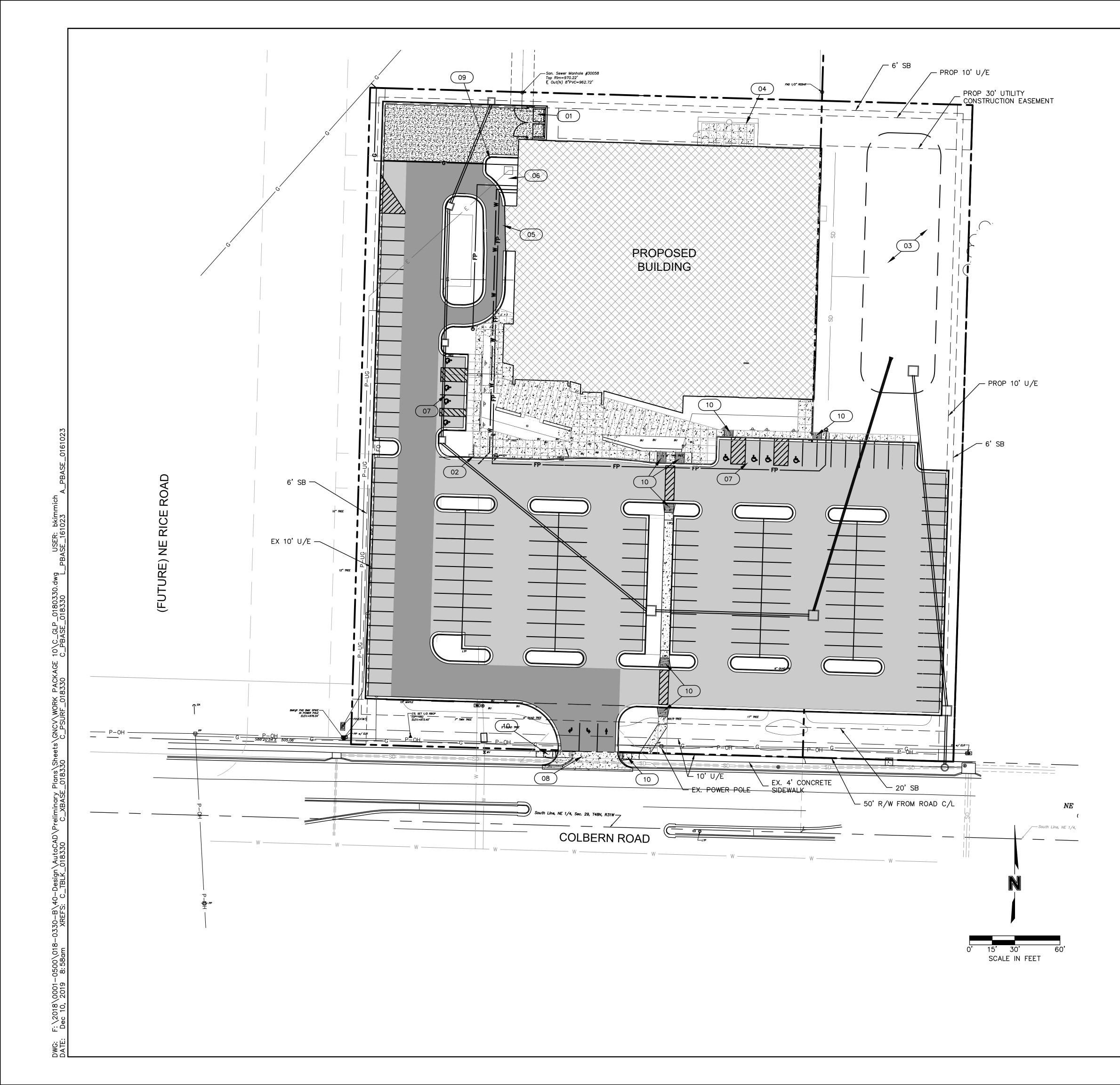
Section 29, T48N, R31W

VICINITY MAP

Scale: 1" = 2000'

15' 30'

SCALE IN FEET



SITE DATA				
	ZONING & SITE	AREA		
PROPOSED USE:	PUBLIC LIBRARY	(
	SITE AREA			ZONING
LOT 2 (AS DECRIBED):	4.00 ACRES (17	74,237 SF))	CP-2
IMPERVIOUS:	2.58 ACRES (11	2,384 SF)	(64%)	
PERVIOUS:	1.42 ACRES (61,855 SF)		(36%)	
FAR (0.55 MAX):	0.15			
BUILDING AREA				
BUILDING TYPE	# STORIES	SQL	JARE F	OOTAGE
BUILDING	1		34,03	0 SF
PARKING				
USE	REQUIRE	ED	P	ROVIDED
LIBRARY	4 PER 1000 SF	= 136	163	
ADA	4 (PER CITY TA	BLE)	8	
TOTAL	136		166 (11	NCLUDING ADA)

NOTE:

ACCORDING TO MDNR STATE OIL & GAS COUNSEL THERE ARE NO OIL AND GAS WELLS LOCATED WITHIN OR ADJACENT TO THE PROPERTY.

THERE ARE NO FEMA DELINEATED FLOODPLAINS ON THE PROPERTY.

	LEGEND
	PROPERTY LINES
	RIGHT-OF-WAY LINES
	LOT LINES
	ROAD CENTERLINE
	EASEMENT LINES
· ·	SETBACK LINES
851	EXISTING GRADE CONTOURS
851	PROPOSED GRADE CONTOURS
Р-ОН	
P-UG	UNDERGROUND ELECTRIC
TEL	UNDERGROUND TELEPHONE
FO	UNDERGROUND FIBER OPTIC
G	GAS LINE
W	WATER LINE
FP	FIRE PROTECTION LINE
<u> </u>	STORM SEWER LINE
SS	SANITARY SEWER LINE
	ACCESSIBLE SIDEWALK RAMP
	CONCRETE CURB & GUTTER
IIIIIIII	TYPE "B" RE: DETAILS
-	CONCRETE CURB & GUTTER
	TYPE "B-DRY" RE: DETAILS
	PROPOSED CONCRETE SIDEWALK
	PROPOSED HEAVY DUTY CONCRETE PAVEMENT
<u>~~~~~~~~~~~~</u> ~~~~~~~~~~~~~~~~~~~~~~~~	
	PROPOSED LIGHT DUTY ASPHALT
	PROPOSED HEAVY DUTY ASPHALT
	PROPOSED DETENTION BASIN

KEYNOTES: XX

01 TRASH ENCLOSURE - CMU WALLS WITH BRICK FACING AND STEEL DOORS
 02 BOOK DROP

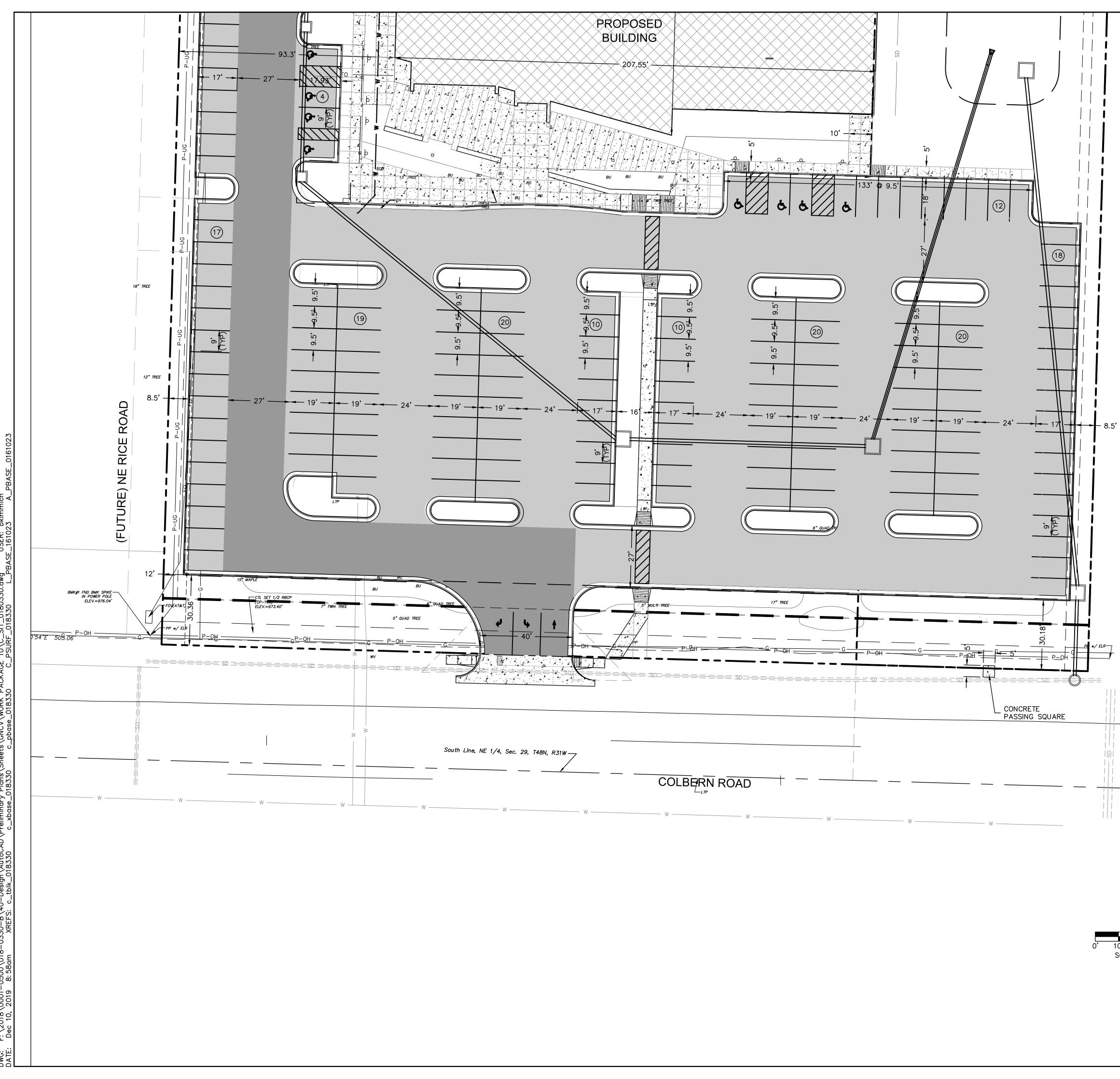
- 03 EXTEND DRY DETENTION BASIN
- 04 CONCRETE PATIO
- 05 DRIVE-THRU WINDOW
- 06 POWER TRANSFORMER
- 07 ADA ACCESSIBLE SIGNAGE AND STRIPING
- 08 WIDENED COMMERCIAL ENTRANCE (40') WITH RECONSTRUCTED ADA RAMP
- 09 REMOTE FIRE DEPARTMENT CONNECTION
- 10 ADA RAMP PER CITY DETAILS

LEGAL DESCRIPTION

ALL OF LOT 1, RICE ACRES, A SUBDIVISION IN THE CITY OF LEE'S SUMMIT, JACKSONCOUNTY,MISSOURI, TOGETHER WITH ALL THAT PART OF AN UNPLATTED TRAC T OF LAND, ALL LYING IN THE NORTHEAST QUARTER OF SECTION 29, TOWNSHIP 48 NORTH, RANGE 31 WEST, DESCRIBED BY TIMOTHY BLAIR WISWELL, MO-PLS 2009000067, AS FOLLOWS:

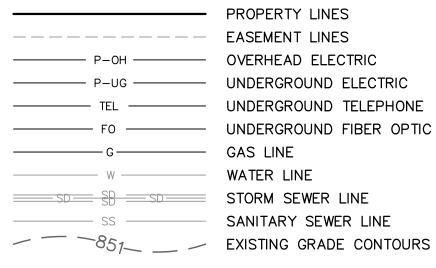
COMMENCING AT THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 29, TOWNSHIP 48 NORTH, RANGE 31 WEST; THENCE NORTH 88 DEGREES 28 MINUTES 52 SECONDS WEST, ON THE SOUTH LINE OF SAID NORTHEAST QUARTER, A DISTANCE OF 755.18 FEET TO A POINT ON THE SOUTHERLY EXTENSION OF THE WEST LINE OF LOT 1, RICE ACRES, A SUBDIVISION IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI; THENCE NORTH 01 DEGREE 23 MINUTES 04 SECONDS EAST, DEPARTING SAID SOUTH LINE, ON SAID SOUTHERLY EXTENSION, A DISTANCE OF 55.66 FEET TO THE SOUTHWEST CORNER OF SAID LOT 1, THE POINT OF BEGINNING; THENCE NORTH 01 DEGREE 23 MINUTES 04 SECONDS EAST, ON SAID WEST LINE, A DISTANCE OF 436.21 FEET TO THE NORTHWEST CORNER OF SAID LOT 1; THENCE SOUTH 88 DEGREES 38 MINUTES 41 SECONDS EAST, ON THE NORTH LINE OF SAID LOT 1 AND ITS EASTERLY EXTENSION, A DISTANCE OF 400.00 FEET TO A POINT; THENCE SOUTH 01 DEGREE 23 MINUTES 04 SECONDS WEST, DEPARTING SAID EASTERLY EXTENSION, A DISTANCE OF 436.21 FEET TO A POINT ON THE EASTERLY EXTENSION OF THE SOUTH LINE OF SAID LOT 1; THENCE NORTH 88 DEGREES 38 MINUTES 41 SECONDS WEST, ON SAID EASTERLY EXTENSION AND ON SAID SOUTH LINE, A DISTANCE OF 400.00 FEET TO THE POINT OF BEGINNING, CONTAINING 174,485 SQUARE FEET OR 4.0056 ACRES, MORE OR LESS.

СЛОГ		
SAP	C N	
ARCHIT	ECTS	
3750 S. Fremont Ave. Springfield, MO 65804 Sapp Design Associates Archite	417.877.9600 ects, P.C.	
Missouri State Certificate of Au		
1629 Walnut Kansas City, MO 64108	816.300.0300	
SPECIAL NOT In the event the client consents to, allows, au changes to any plans, specifications or other documents, and these changes are not appre- design professional, the client recognizes tha results thereof are not the responsibility of the Therefore, the client agrees to release the de any liability arising from the construction, use changes. In addition, the client agrees to the by law, to indemnify and hold the design prof- any damage, liability or cost (including reasou- costs of defense) arising from such changes. The personal seal of the registered Architect legal equivalent of his signature whenever & owner of the seal shall authenticate this shee sections pertaining to this sheet. Responsibi for all other plans, specifications, estimates, in documents or instruments relating to or inten- part or parts of the architectural project.	thorizes or approves of construction oved in writing by the t such changes and the e design professional from or result of such fullest extent permitted essional harmless from nable attorney's fees and or Engineer shall be the wherever used, and the t and the specification lity shall be disclaimed eports or other	
Mid-Continent Public Library PRELIMINARY DEVELOPMENT PLANS FOR COLBERN ROAD BRANCH	Packade 1000 N.E. COLBERN ROAD LEE'S SUMMIT, MO 64086 JACKSON COUNTY	
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NOT FOR CONST		
12.10.19 Terry M Parsons, Engineer MO PE-2018010505		
olsson		
7301 West 133rd Street, Suite Overland Park, KS 66213 TEL 913.381.1170 FAX 913.381.1174 www.olssonassociates.com Olsson Missouri State Certificate of A Revision No. Description		
Project No. Date B18-0330 09-18-18 Drawing No.	Drawn KDP	
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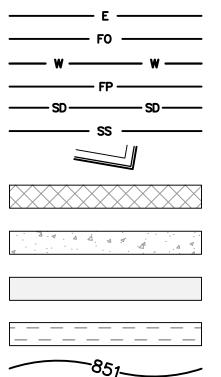
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EXISTING CONDITIONS LEGEND



- PROPERTY LINES EASEMENT LINES - P-OH - OVERHEAD ELECTRIC - P-UG ------ UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE ------ UNDERGROUND FIBER OPTIC GAS LINE WATER LINE SANITARY SEWER LINE

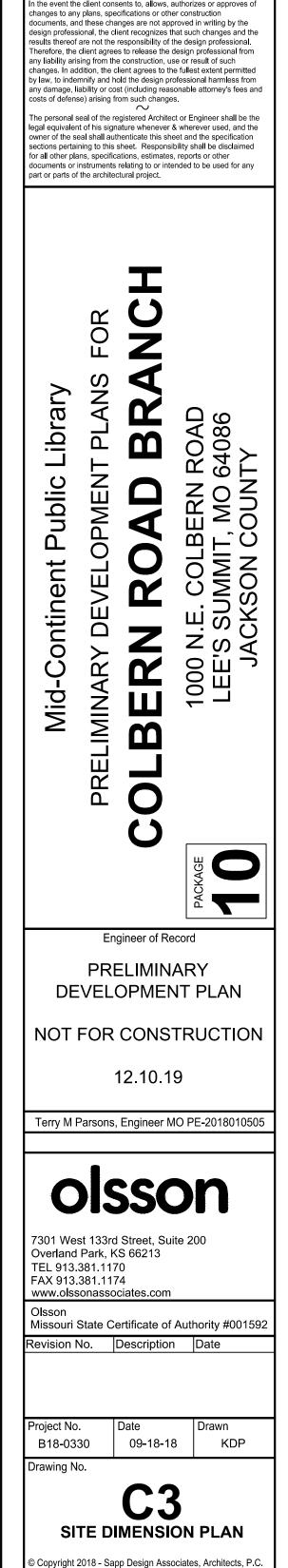
PROPOSED COND



DITIONS LEGEND
PROPOSED UNDERGROUND ELECTRIC
PROPOSED FIBER OPTIC
PROPOSED WATER LINE
PROPOSED FIRE PROTECTION LINE
PROPOSED STORM SEWER LINE
PROPOSED SANITARY SEWER SERVICE
CONCRETE CURB & GUTTER
PROPOSED BUILDING
PROPOSED CONCRETE SIDEWALK
PROPOSED LIGHT DUTY ASPHALT

PROPOSED DETENTION BASIN PROPOSED GRADE CONTOURS

10' 20' SCALE IN FEET



ARCHIT

1629 Walnut Kansas City, MO 64108

Springfield, MO 65804 417.877.9600

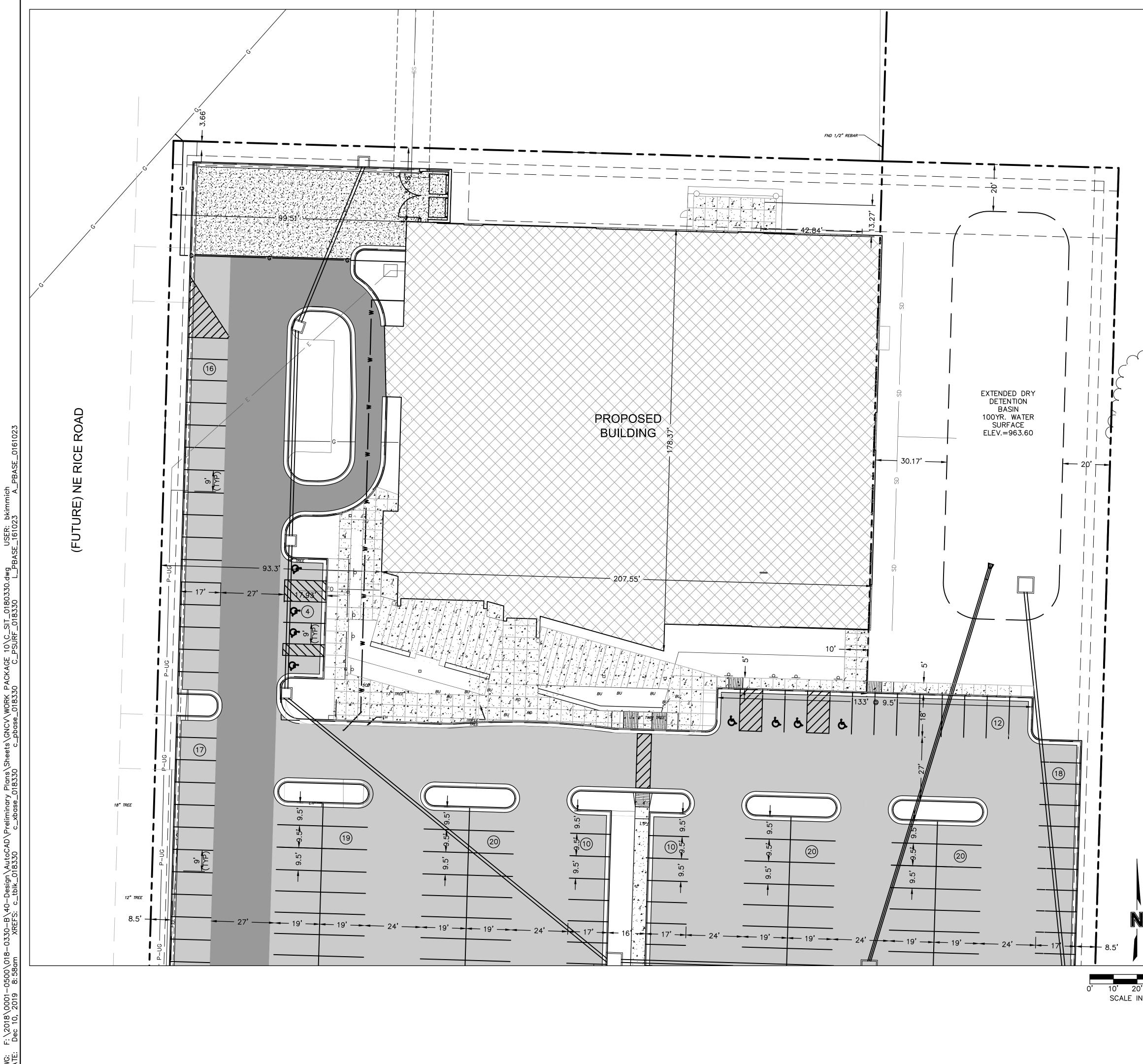
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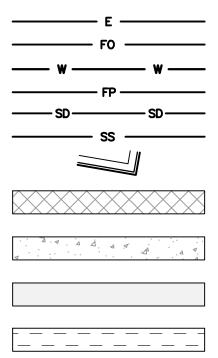


EXISTING CONDITIONS LEGEND

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PROPERTY LINES
 EASEMENT LINES
 OVERHEAD ELECTRIC
 UNDERGROUND ELECTRIC
 UNDERGROUND TELEPHONE
 UNDERGROUND FIBER OPTIC
 GAS LINE
 WATER LINE
 STORM SEWER LINE
 SANITARY SEWER LINE
 EXISTING GRADE CONTOURS

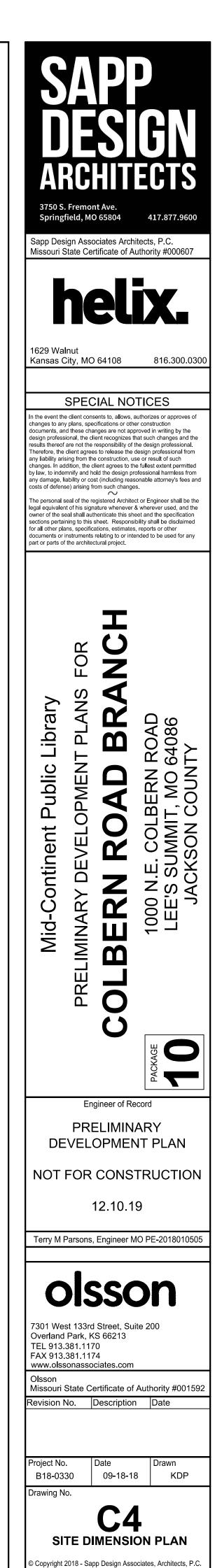
PROPOSED CONDITIONS LEGEND



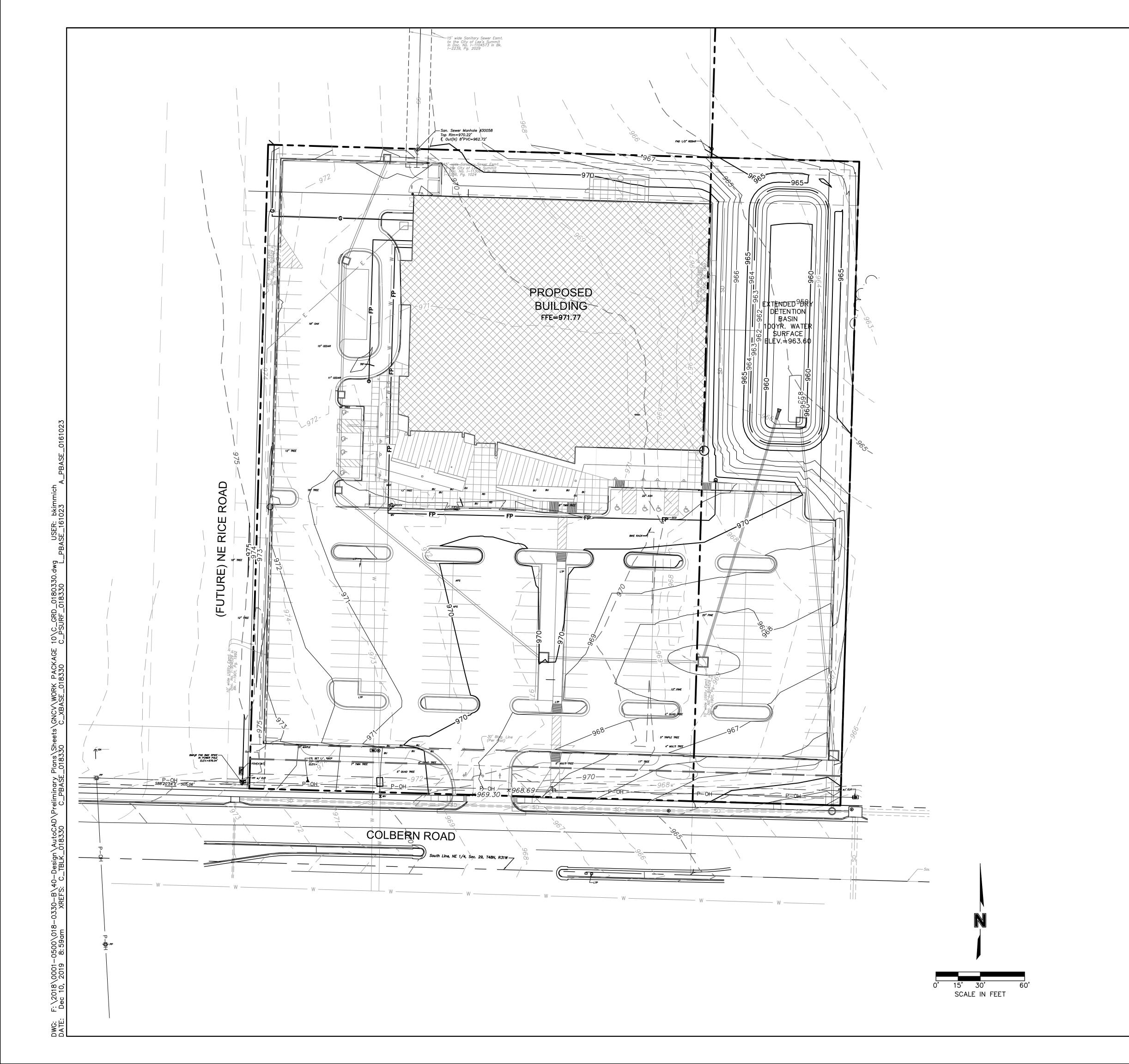
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	UNDERGROUND ELECTRIC
PROPOSED	WATER LINE
PROPOSED	FIRE PROTECTION LINE STORM SEWER LINE SANITARY SEWER SERVICE
	CURB & GUTTER
PROPOSED	BUILDING
PROPOSED	CONCRETE SIDEWALK
PROPOSED	LIGHT DUTY ASPHALT
PROPOSED	DETENTION BASIN

PROPOSED GRADE CONTOURS



10'20' 40' SCALE IN FEET



EXISTING CONDITIONS LEGEND

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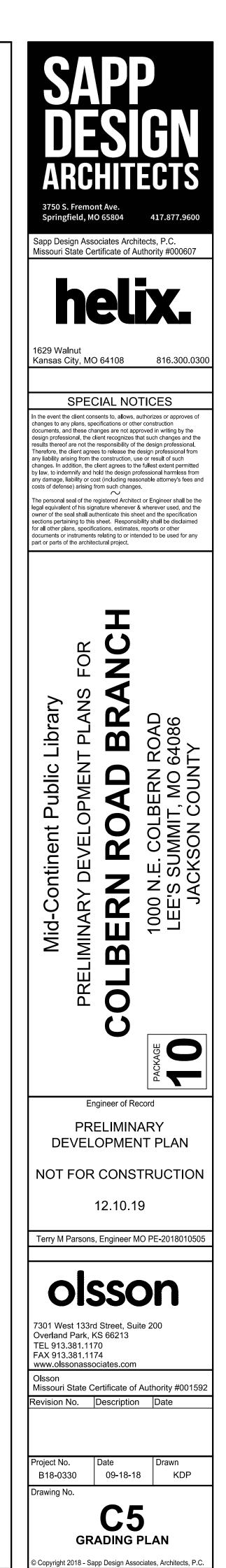
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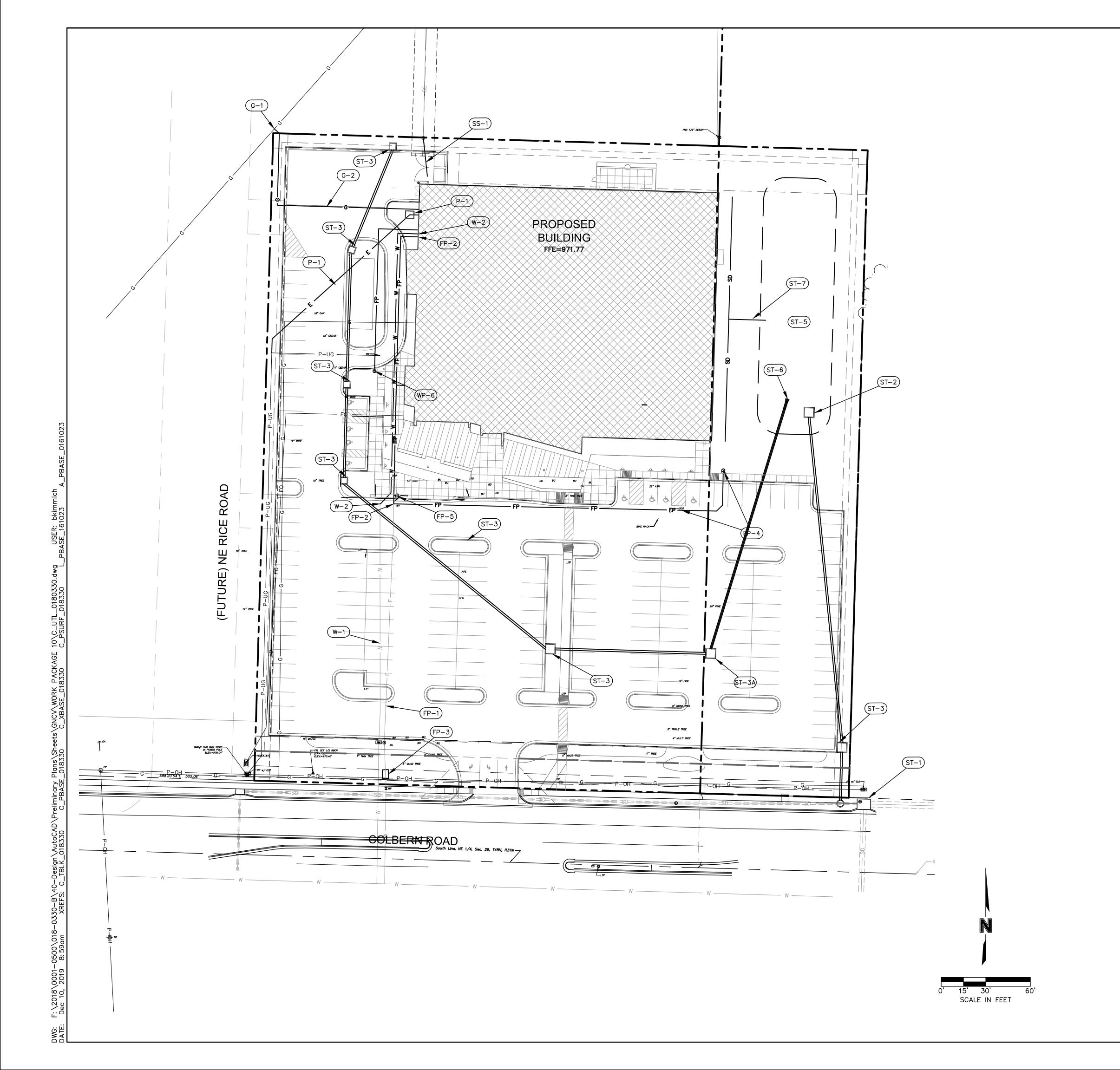
PROPOSED CONDITIONS LEGEND

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PROPOSED UNDERGROUND ELECTRIC PROPOSED FIBER OPTIC PROPOSED WATER LINE PROPOSED FIRE PROTECTION LINE PROPOSED STORM SEWER LINE PROPOSED TURF DRAIN LINE PROPOSED SANITARY SEWER SERVICE CONCRETE CURB & GUTTER

PROPOSED BUILDING





EXISTING CONDITIONS LEGEND

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	E,
———— P-OH ————	0
P-UG	U
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PROPERTY LINES RIGHT-OF-WAY LINES EASEMENT LINES OVERHEAD ELECTRIC UNDERGROUND ELECTRIC UNDERGROUND TELEPHONE UNDERGROUND FIBER OPTIC GAS LINE WATER LINE STORM SEWER LINE SANITARY SEWER LINE

PROPOSED CONDITIONS LEGEND

——— Е ———	PROPOSED UNDERGROUND ELECTRIC
——— F0 ———	PROPOSED FIBER OPTIC
—— w ——	PROPOSED WATER LINE
FP	PROPOSED FIRE PROTECTION LINE
SD	PROPOSED STORM SEWER LINE
T	PROPOSED TURF DRAIN LINE
ss	PROPOSED SANITARY SEWER SERVICE
	CONCRETE CURB & GUTTER

PROPOSED BUILDING

UTILITY KEYNOTES:

(XX)---

<u>WATER</u>

W-1 EXISTNIG 2" SERVICE LINE TO REMAIN

W-2 EXTEND 2" EXISTING SERVICE TO PROPOSED BUILDING

FIRE PROTECTION

FP-1 EXISTING 6" FIRE SERVICE TO REMAIN

FP-2 EXTEND 6" FIRE SERVICE LINE TO PROPOSED BUILDING

FP-3 INSTALL BACK FLOW PREVENTOR ON EXISTING FIRE PROTECTION LINE

FP-4 INSTALL 6" FIRE LINE W/ HYDRANT

FP-5 RELOCATE EXISTING HYDRANT

FP-6 FIRE DEPARTMENT CONNECTION (4" STORZ FITTING)

SANITARY SEWER

SS-1 INSTALL 4" PVC SERVICE LINE TO PROPOSED BUILDING

STORM SEWER

- ST-1 CONNECT TO EXISTING CURB INLET
- ST-2 CONSTRUCT CONTROL STRUCTURE
- ST-3 CONSTRUCT CURB INLET
- ST-3A CONSTRUCT GRATE INLET
- ST-4 CONSTRUCT STD 4' DIAM MANHOLE
- ST-5 EXTENDED DRY DETENTION BASIN
- ST-6 INSTALL STD 24" FLARED END SECTION
- ST-7 ROOF DRAINS TO DETENTION BASIN

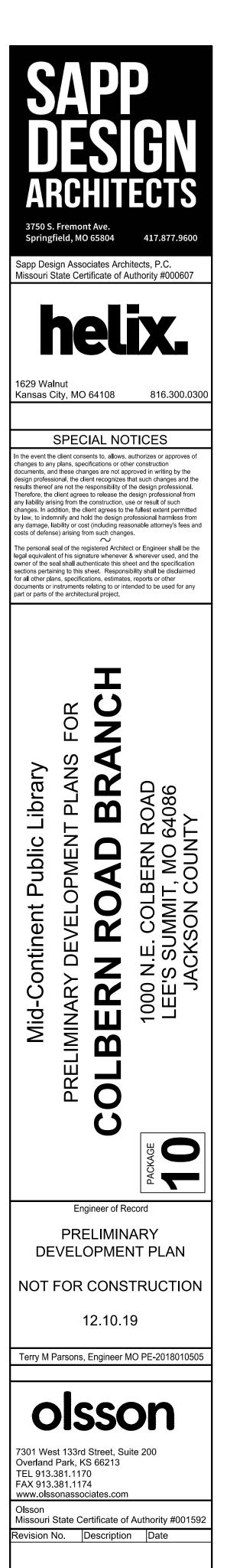
<u>POWER</u>

P-1 PRIMARY SERVICE -COORDINATE WITH EVERGY.

P-2 PROPOSED TRANFORMER LOCATION COORDINATE WITH EVERGY AND MEP.

<u>GAS</u>

- G-1 CONNECTION TO EXISTING GAS LINE. COORDINATE WITH ASPIRE.
- G-2 INSTALL 1 1/2" GAS SERVICE TO PROPOSED BUILDING



roject No.

Drawing No.

B18-0330

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09-18-18

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UTILITY PLAN

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