

Administrative Approval Action

Case File / Name: ASR-0101-2022 DSLC - BROOKSIDE TOWNHOMES

LOCATION: This 0.63 acre development consists of two parcels located on Brookside Drive, north of Glascock Street, south of Frank Street, east of Norris Street, and west of Edmund Street, specifically identified as 1205 and 1207 Brookside Drive. The two parcels are zoned R-10 and located southeast of Conn Elementary within the Oakwood Park Neighborhood Conservation Overlay District (NCOD-Oakwood Pa This project proposes multi-unit living for the development of apartments, parking, **REQUEST:** associated infrastructure and amenity areas on two lots. Each lot has an existing detached dwelling which will be demolished. The project proposes 10 townhouse-style apartments in two buildings (five units in each building) with one building on each lot. DESIGN ADJUSTMENT(S)/ FIL-0193-2023: DSENG - Fee-In-Lieu Estimator/Fee-In-Lieu Estimator ALTERNATES, ETC:

FINDINGS: City Administration finds that this request, with the below conditions of approval being met, conforms to the Unified Development Ordinance. This approval is based on a preliminary plan dated March 15, 2023 by Swift Partners PLLC.

CONDITIONS OF APPROVAL and NEXT STEPS:

This document must be applied to the second sheet of all future submittals except for final plats. This is a preliminary plan and as such no permits have been issued with this approval. To obtain permits and/or completion of the project, the following steps are required:

☑ <u>SITE PERMITTING REVIEW</u> - For land disturbance of 12,000 square feet or greater, public or private infrastructure, shared stormwater devices, etc. Site Permitting Review may be submitted upon receipt of this signed approval document.

The following items are required prior to approval of Site Permitting Review plans:

Stormwater

- 1. The State of North Carolina shall approve any proposed disturbance within the riparian buffer prior to the issuance of any grading or site permit (UDO 9.2.3.E).
- 2. A surety equal to of the cost of clearing, grubbing and reseeding a site, shall be paid to the City (UDO 9.4.4).

☑ <u>**RECORDED MAP(S)**</u> - Submit plat to record new property lines, easements, tree conservation areas, etc.). Plats may be submitted for review when the Site Permitting Review plans, if required, have been deemed ready for mylar signature.

The following items must be approved prior to recording the plat:

Engineering



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- 1. The required right of way for proposed and/or existing streets shall be dedicated to the City of Raleigh and shown on the map approved for recordation.
- 2. A fee-in-lieu for 1' of public sidewalk will be applied along the frontage of this development for Brookside Dr. The amount will be calculated when a plat is received for review and prior to approval of the plat to be recorded. (UDO Section 8.1.10)
- 3. A 5' utility placement easement deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)
- 4. A cross access agreement among the lots identified as PINs 1714141381 and 1714142307 shall be approved by the Development Services Department for recording in the Wake County Registry, and a copy of the recorded offer of cross access easement shall be returned to the Development Services Department within one day of plat recordation. If a recorded copy of the document is not provided within this time, further recordings and building permit issuance will be withheld.

Public Utilities

5. Infrastructure Construction Plans (concurrent submittal) must be approved by the City of Raleigh Public Utilities Department for all public water, public sewer and/or private sewer extensions.

☑ <u>BUILDING PERMITS</u> - For buildings and structures shown on the approved plans. Commercial building permit plans must include the signed, approved Site Permitting Review plans attached, if applicable. Permit sets may be reviewed prior to the recordation of required plats, but cannot be approved.

The following items must be approved prior to the issuance of building permits:

Engineering

1. A Traffic Control and Pedestrian (TCPED) Plan must be approved and a right-of-way occupancy permit must be obtained from Right-of-way Services for any construction activities within the right-of-way.

Public Utilities

2. A plat must be recorded at the Wake County Register of Deeds office for all utility easement dedications.

Urban Forestry



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- 3. A tree impact permit must be obtained for the approved streetscape tree installation in the right of way. This development proposes (4) street trees in tree lawn along Brookside Dr.
- 4. A public infrastructure surety for (4) street trees in tree lawn shall be provided to City of Raleigh Transportation Development Engineering Division (UDO 8.1.3) in the amount of 125% of the improvement cost for the City of Raleigh infrastructure.

The following are required prior to issuance of building occupancy permit:

General

1. All Water, Sanitary Sewer and Reuse facilities shall be installed, inspected, tested and accepted by the City of Raleigh Public Utilities Department for operations and maintenance.

Stormwater

- 2. As-built impervious survey is accepted by the Engineering Services Department (UDO 9.2).
- EXPIRATION DATES: The expiration provisions of UDO Section 10.2.8 E, including the ability to request extensions in the expiration date, apply to this site plan. If significant construction has not taken place on a project after administrative site review approval, that approval may expire and be declared void, requiring re-approval before permits may be issued. To avoid allowing this plan approval to expire the following must take place by the following dates:

3-Year Expiration Date: April 19, 2026

Obtain a valid building permit for the total area of the project, or a phase of the project.

4-Year Completion Date:

Within four years after issuance of the first building permit for the site plan, the construction of the entire site plan must be completed unless an applicant has been granted vested rights. Failure to complete construction within this specified time frame shall automatically void the approved site plan for which no building permits have been issued.

I hereby certify this administrative decision.

Signed: Daniel Stegall Date:04/19/2023
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Development Services Dir/Designee

Staff Coordinator: Jessica Gladwin

BROOKSIDE TOWNHOMES

1205 & 1207 BROOKSIDE DR RALEIGH, NC 27604

CITY OF RALEIGH ASR SUBMITTAL ASR-0101-2022

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SUBMITTED ON: 2023.03.15

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Administrative Site Review Application	Raleigh
	Castico

an submitting site plans as reterenced in United Development appropriate building types and include the plan checklist docu 1028 Pt

Please review UDO Section 10.2.8 a Site Plan Tier Verification request	can be submitted online via the	Permit and Develop	ment Portal	(Note:	The
fee for this verification service.)		CHERRENE STREAM	and tot	96° A	_

Building and Develop (Check all that ap	ment Type sply)	Site Transaction History
Attached Mix Townhouse Civi Apartment Cot	reral ed use k fage Court rquent Transit velopment Option	Subdivision case # Sopping/skitch plan case # Certificate of Appropriatemess # Board of Applythent # Zoning Case # Design Alternate #
	GENERAL	INFORMATION
Development name: BROOKSIDI		
Inside City limits? Yes V No	A CONTRACTOR OF A	
Property address(es):	T BROOKSIDE P	R RALEIGH, NC 27604
1205 & 120	I BROOKSIDE C	H HALEIGH, NO 27004
Site P.I.N. (s): 1714141381, 1714	142307	
Site P.I.N.(s): 1714141381, 1714 Please describe the scope of work.	142307 Include any addition	Is, separations, and uses (UD0.6.1.4).
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Sheet Number	Sheet Tide
C0.00	COVER SHEET
C0.20	GENERAL NOTES
C1.00	EXISTING CONDITIONS AND DEMOLITION PLAY
C3.00	SITE PLAN
C5-00	GRADING AND DRAINAGE PLAN
C6.00	UTILITY PLAN
C9.00	SITE DETALS
L5.00	PLANTING PLAN
A201A	EXTERIOR ELEVATIONS BUILDING A
A2018	EXTERIOR ELEVATIONS BUILDING B
A202A	EXTERIOR ELEVATIONS BUILDING A
A2028	EXTERIOR ELEVATIONS BUILDING B

ITE DATA	
ROJECT NAME:	BROO
TE ADDRESS:	1205 8
DUNTY:	WAKE
VRCEL PIN #:	17145
RCEL OWNER:	REDU
VRCEL AREA:	27,452
TAL SITE GROSS ACREAGE:	27,453
ET ACREAGE:	26,910
JRRENT ZONING:	R•10
IOPOSED ZONING:	R-10
/ERLAY DISTRICT:	NEIGH
4STING LAND USE:	SNG
ROPOSED LAND USE:	MULT
000 PLAIN DATA:	NA
VER BASIN:	NEUS
VELOPMENT/BUILDING TYPE:	FREQ
NX BUILDING HEIGHT:	45/3
ROPOSED BUILDING HEIGHT:	32-83
ROPOSED NUMBER OF LOTS:	2
JMBER OF DWELLING UNITS (J BR)	10
REE CONSERVATION AREA:	NA
TAL LIMITS OF DISTURBANCE:	21,526
STING IMPERVICUS AREA:	0,09 A
ROPOSED IMPERVIOUS AREA	0,33 A
IENTLY AREA REQUIRED.	0.06 A
MENITY AREA PROVIDED:	0.07 A
RKING DATA:	
REQUIRED PARIGING:	3 SPA
PROPOSED PARKING:	22 SP
TOTAL PARKING:	22 SP
BIKE PARKING REQUIRED:	SHOR
	LONG
ELKE PARKING PROMDED:	SHOR

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SHORT TERM: 4 SPACES LONG TERM: 10 SPACES (GARAGE STORAGE



VICINITY MAP

RIGHT-OF-WAY OBSTRUCTION NOTES:

- PRIOR TO ANY WORK THAT IMPACTS THE RIGHT-OF-WAY, CLOSING OR DETOUP LANE, OR SIDEWALK, THE CONTRACTOR MUST APPLY FOR A PERMIT WITH RIGHT PLEASE DIRECT ANY QUESTIONS TO RIGHTOFWAYSERVICES@RALEIGHNC.GOV
- 2. THE STREET, LANE, SIDEWALK, CLOSURE PERMIT IS RECURED FOR ANY CLOSURE ON CITY STREET: AND ALL NODOT STREETS WITHIN RALEIGH'S JURISDICTION.
- A PERMIT REQUEST WITH A TOPED PLAN SHALL BE SUBMITTED TO RIGHT-OF-WAY SERVICES TH THE CITY OF RALEIGH PERMIT AND DEVELOPMENT PORTAL.
- PRIOR TO THE START OF WORK, THE CLIENT SHALL SCHEDULE A PRE-CON THE ENGINEERING INSPECTIONS COORDINATOR TO REVIEW THE SPECIFIC APPROVED PLAN, AND ENSURE ALL PERMITS ARE ISSUED.
- ALL TOPED PLANS SHALL COMPLY WITH ALL LOCAL STATE, AND FEDERAL REQUIRE STANDARDS, INCLUDING BUT NOT LIMITED TO S

5.4. INCLUMENT REFLECTION MANUAL, INSURI-C. ALL PREDICTIONAL ON MANY SECTION AND ALTERNATIVE PROSTINAN COLTS DURING CONSTRUCTIONS MALL BE RECORDER DIS DE COMPLIANT MIT HE PURUL FORST SURING CONSTRUCTIONS WALL BE RECORDERED TO BE COMPLIANT MIT HE PURUL FORMULS OF WALL AND ALL PURUL STATUS AND ALL BE RECORDERED TO BE COMPLIANT. MIT HE PURUL FORMULS OF WALL AND ALL AND MALL BE RECORDERED TO BE COMPLIANT. MIT HE PURUL FORMULS OF WALL AND ALL AND MALL BE RECORDERED TO BE COMPLIANT. MIT HE PURUL FORMULS OF WALL AND ALL AND MALL BE RECORDERED TO BE COMPLIANT. MIT HE PURUL FORMULS OF WALL AND ALL AND MALL BE RECORDERED AND ALL 7. ALL PERMITS MUST BE AVAILABLE AND MISIBLE ON SITE DURING THE OPERATION

GENERAL NOTES

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THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS PRIOR TO COMMINCEMENT OF ANY WORK. THE CONTRACTOR SHALL INNELATELY NOTIFY THE OWNERS RE OF ANY DISCREPANCIES OF CONTLICTS.

- OF AN EXPERIENTATION OF CONTRACT, SO CONTRACTOR, COCIONATION AND AVAILANT FORMAL THE CONTRACTOR AND ALL, BE REFORMED FOR CONTRACTOR, COCIONATION AND AVAILANT FORMAL PROVIDE FORME OF CONTRACTOR AND AND ALL AND ALL AND ALL AND ALL AND ALL AND ALL PROVIDE FORME OF CONTRACTOR AND ALL AND AL
- ALL SUB-SUPPORT INTERIOR THE OWNER OWNER OWNER THE CONTRACTOR DOCUMENT ARE SHOWN IN THE APPROXIMATE TO A DOCUMENT AND ADDRESS TO AN ADDRESS AND YOUR AND ADDRESS TO AN ADDRESS AND YOUR AND ADDRESS AND YOUR ADDRESS

5. EXISTING IMPROVEMENTS DAMAGED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED OR REPLACED TO DIREGNUL CONDITION AND TO THE SATISFACTION OF THE CONNERS REPRESENTATION AT THE CONTRACTORS EXPENSE.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OSTAINING AND COORDINATING PERMITS, INSPECTIONS, CERTIFICATIONS AND OTHER RECURRENTS WHICH MUST BE MET UNDER THIS CONTRACT.

THROUGHOUT THE IMPOLED FOR RECEIPTION RECEIPTION OF THE CONTROL OF THE RECEIPTION OF THE RECEIPTION OF THE RECEIPTION OF THE CONTROL OF THE RECEIPTION OF TH

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY EXISTING UTILITY LINES REQUIRED TO COMPLETE ANY PORTION OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE COORDINATION AND COSTS OF THE RELOCATION AND ASSOCIATED WORKS.

- 11. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND/OR METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- 12. ROADWAYS (TEMPORARY OR PERMANENT) MUST BE CAPABLE OF SUPPORTING FRE FEHTING APPARATUS (85,000 LBS) DURING ALL PHASES OF CONSTRUCTION ONCE VERTICAL CONSTRUCTION HAS BEGUN.
- 13. WE HAVE ELECTED THE FREQUENT TRANSIT DEVELOPMENT OPTION WHICH OVERRIDES ANY INFLL REGULAR/MENTS
- 14. THE SITE WILL BE CONFORMING TO THE EXEMPTION OF TREE CONSERVATION REQUIREMENTS THROUGH THE CITY OF RALENSES UNTRED DEVELOPMENT CODE SECTION 3-1.2 FOR PARCELS LESS THAN 2 ACRES IN SIZE

SOLID WASTET: SOLID WASTET TO BE HANDLED VIA ROLL OUT CART, CARTS ARE TO BE STORED IN GARAGEB AND ROLLED OUT TO CURB ALLONG ROPERTY FRONTAGE OF PUBLIC STREET

ATTENTION CONTRACTORS



LUKE PERKINS 828-735-1862 LUKE PERKINS/RSWIFT_PARTNERS.COM



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I Plans on the Jobalte, or any other Violation Dandards will result in a Fine and Possible E ck in the City of Raleigh.









Defe 11/16/2023 12/17/2023 03/15/2023

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GENERAL NOTES

ALL WATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN CONFILINCE WITH THE OFFICE OF STATE CONSTRUCTION, DEPARTMENT OF INSURANCE, NODER, AND ALL OTHER APPLICABLE LOCAL, STATE AND PEDERAL GLOBINES, ALL UTLITY CONSTRUCTION SHALL COMPLY WITH APPLICABLE LOCAL, JURISPICTIONAL STANDARDS AND SPECIFICATIONS.

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- 4. ALL SAR-SUPERCELLED LEE DRIVINGE DO HING CONSTITUCT IN DOLMENTS ARE SHOWN IN THEIR APPROXIMATE CONSTRUCTION OF A DESCRIPTION OF A DESCRI
- EXISTING IMPROVEMENTS DAVAGED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED OR REPLACED TO CHIGINAL CONCITION AND TO THE SATISFACTION OF THE CANNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COORDINATING PERMITS, INSPECTIONS, CURTIFICATIONS AND OTHER REDUREMENTS WHICH MUST BE MET UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL MAINTAIN YAS-BUILT DRAWINGS TO RECORD THE ACTUAL LOCATION OF ALL PIPING PRIDR TO CONDEALINENT, VALVE AND MANHOLE CHANGES, AND HARDSCAPE OR LANDSCAPE CHANGES. DRAWINGS BHALL BE PROVIDED TO THE COMPERS REPRESENTATIVE AT RECULAN INTERVALS, OR A RECULSITED HOUT THE PROJECT FOR RECORD KEEPING
- TO DEPARTURES FROM THE PROJECT DAMAGES OR SPECIFICATIONS ARE DEEMED INCOSSARY BY THE CONTRACTOR DETAILS OF SUCH DEPARTURES AND READONE THERE OF SMALL BE SUBMITTED TO THE CONTRACT REPRESENTATION FOR SALEW. NO SPECTRACES OF THE CONTRACT DOCUMENTS SHALL BE WADE WITHOUT THE EXPRESS WITTEN PERMISSION OF THE CONTRACT DOCUMENTS SHALL BE WADE WITHOUT THE EXPRESS WITTEN PERMISSION OF THE CONTRACT DOCUMENTS SHALL BE WADE WITHOUT
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY EXISTING UTLITY LINES REQUIRED TO COMPLETE ANY PORTION OF CONSTRUCTION, THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE COORDINATION AND COSTS OF THE RELOCATION AND ASSOCIATED WORK.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REEPING THE PREMIERS FREE FROM ACCUMULATIONS OF WASTE WATERIALS AND RUBBIN CAUSED BY THE CONTRACTOR ALL DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE ON A DATY BASIS.
- 11. THE ENGINEER AND/OR OWNER DISCUMM ANY ROLE IN THE CONSTRUCTION MEANS AND/OR METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- ROADWAYS (TEMPORARY OR PERMANENT) MUST BE CAPABLE OF SUPPORTING FIRE FIGHTING APPARATUS (80.000 LBS) DURING ALL PHASES OF CONSTRUCTION ONCE VERTICAL CONSTRUCTION HAS BEGUN.

EXISTING CONDITION NOTES:

- THIS SURVEY MAP IS INTENDED TO REPRESENT THE EXISTING CONDITIONS/TOPOGRAPHY ON A PORTION OF THE PROPERTY AND ALL ENCLMBRANCES UPON THE PROPERTY MAY NOT BE SHOWN. 2. HORIZONTAL DATUM IS NAD 85-2011 AND VERTICAL DATUM IS NAVDES.
- 3. THIS DRAWING DOES NOT CONFORM TO N.C. GS47-30 AND THEREFORE IS NOT FOR RECORDATION.
- UTILITES SHOWN HEREON ARE BASED ON ABOVE OROUND VISIBLE EVIDENCE AND UTILITY DESIGNATION / MARING SERVICES PERFORMED BY STEWARTINC, AND THE AVAILABLE RECORD INFORMATION, CONTRACTOR SHALL THE VERIMY LOCATION OF ALL UTILITIES PHON TO COMMINING CONSTRUCTION.
- 5. SURVEY INFORMATION COLLECTED BY NEWCOWB LAND SURVEYORS PLLC TREES SHOWN HEREON MAY NOT REPRESENT ALL VEGETATION ON THE SUBJECT PROPERTY
- 7. NO WETLANDS HAVE BEEN (DENTIFIED WITHIN THE PROJECT OR PARCEL SHOWN.

DEMOLITION NOTES:

- 1. REFER TO SHEET C3.00 FOR GENERAL NOTES.
- 2. THE CONTRACTOR SHALL REMOVE CONCRETE (WHERE REQUIRED) TO THE FIRST COLD JOINT OR SAW OUT TO OBTAIN A CLEAN EDGE.
- THE CONTRACTOR SHALL SAWCUT EXISTING ASPHALT (WHERE REQUIRED) TO OBTAIN A CLEAN I CLEANDUTS AND WATER VALVES LOCATED IN AREAS OF DEVOLITION OR SUBSEQUENT CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND RAISED TO BE FLUSH WITH NEW GRADE.
- 6. ANY UTILITY SERVICES SHOWN TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY PROMDER. CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE SEQUENCING OF UTILITY DEMOLITION WITH THE RESPECTIVE UTILITY ADDRCKES.
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- CLEAN SOLS SHALL BE UTILIZED FOR BACKFILL COMPACTION OF THESE SOLS SHALL BE PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
- ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE REMOVED COMPLETELY, INCLUDING ALL SUBGRADE MATERIALS DRECTLY ASSOCIATED WITH TIENS TO BE REMOVED.
- R. ALLITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF LEGALLY OFF SITE UNLESS OTHERWISE NOTED ON THIS PLAN.
- 10. REFER TO LANDSCAPE AND EROSION CONTROL DRAWINGS FOR TREE PROTECTION PLAN AND REQUIREMENTS. 11. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL JURISDICTIONAL CODES OR REQUIREMENTS.
- 12. TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO BEGINNING DEMOLITION
- 13. LEROSION CONTROL PERMIT SHALL BE OBTAINED AND ONSITE PRIOR TO BEGINNING DEMOLITION.
- II. ITEMS DESKINATED TO BE SALVAGED AND/OR RE-USED SHALL BE REMOVED BY THE CONTRACTOR AND PROVIDED TO THE OWNER, COORDINATE STORAGE LOCATION WITH OWNER'S REPRESENTATIVE.
- 15. WHERE UTLIFIES ("TO BE REMOVED") IMPACT THE FOOTPRINT OF THE NEW BULLONG, THE CONTRACTOR SHALL EXECUTE AND REMOVE AN ADDITIONAL FREE TO SOLID TO ETHER SIZE OF THE PPE, AND I FOOT BELOW, CLEW DECEMBERTS, MILL BE UTLIED FOR SHOULD HAD COMPARED IN ADDITIONAL OF WITH THE CONTRACT BOOKIMENTS.
- DEMOLITION AND SUBSEQUENT CONSTRUCTION OF STORM DRAINAGE PIPING SHALL BE PERFORMED IN SUCH A MANNER THAT THE OLD PIPE AND STRUCTURES REMOVED DO NOT MANGE WESTREAM OF THE SYSTEM PROVISIONS SHALL BE MADE TO MANTANIN STORM WATER DRAINAGE PATTERNS OURSPOCINGTISCINGTON.
- 7. DEMOLITION AND SUBSEQUENT CONSTRUCTION OF UTILITIES (WATER, SEMER, ETC) SHALL BE PERFORMED IN SUCH A WANNER THAT THE CLI PHE AND STRUCTURES REMOVED DO NOT IMPACT OR NUMBER SERVICE INTERPENDENCI DEMONSTRUCTURES TO REMAY, MONISIONE SULL BE MADE TO MANTAN ERVICE DURY INTERPENDENCI DEMONSTRUCTURES TO REMAY, MONISIONE SULL BE MADE TO MANTAN ERVICE DURY
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAYING ALL DAMAGES TO THE EXETING DRIVEWAY, PARENTLU, U.S. SEDWALK AND CURB AND GUTTER AS A RESULT OF CONSTRUCTION ACTIVITY AND TRAFFIC. CONTRACTOR SHALL NEETING A PRE-CONSTRUCTION MEDIA.
- R. ALL MATERIALS, FURMSHINGS, UTILITIES, AND PAVEMENT THAT ARE NOT SCHEDULED TO BE DEMOLISHED AND ARE DAMAGED BY THE CONTRACTOR AS A RESULT OF THE DEMOLITION OR CONSTRUCTION OPERATIONS SHALL BE REPARED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- . WHERE UTLITIES ARE SHOWN TO BE RENOVED, CONTRACTOR SHALL INCLUDE NECESSARY PLUG OR VALVES TO ENSURE UTLITY LINES TO REMAIN YOLL CONTINUE TO BE IN SERVICE. COORDINATE NECESSARY SHUT DOWN AND REMOVILY INT THE LOCAL JURISDICTION OR UTLITY OWNER.
- 21. CONTRACTOR SHALL PROVIDE PEDESTRIAN INGRESS / EGRESS TO ALL EXISTING BUILDINGS, PARKING LOTS, AND PATHS OF PEDESTRIAN TRAVEL THROUGHOUT THE CONSTRUCTION PERIOD

MATERIALS AND FURNISHINGS NOTES:

- ABBREMATIONS FOR SPECIFIC HARDSCAPE MATERIALS AND FURNISHINGS ARE LISTED IN THE LEGEND AND ARE USED THROUGHOUT THE DRAWING SET'S HARDSCAPE & FURNISHINGS PLANS, PAVING PATTERN PLANS AND SITE DITALS.
- REFER TO RELATED SPECIFICATION SECTION FOR. SPECIFIC SUBMITTALS OF PRODUCT DATA, SAMPLES, SHOP DRAWINGS, QUALITY ASSURANCE REQUIREMENTS, EXECUTION REQUIREMENTS, AND FOR FURTHER PRODUCT INFORMATION NOT NEULOED IN 1145 SCHEDULE
- 3. CONTRACTOR TO SUBMIT COLOR SAMPLES AND PROVIDE MOCK-LPS FOR ALL CAST IN PLACE CONCRETE FOR APPROVAL BY LANDSCAPE ARCHITECT.

SITE NOTES:

- THE CONTRACTOR SHALL BE REPORTED FOR THE INSTALLATION AND MAINTENANCE OF THE CONSTRUCTOR HAVDOWN AREA PRIMETER FINE CAN DESCRIPTION OF THE CONTRACTOR SHALL ASSO BE RESPONSED, FOR THE REMOVAL OF THE CONSTRUCTION LAVDOWN AREA PERIMETER FENCE AND ASSOCIATED ONLESS AT THE COMPLETION OF THE PROJECT.
 - THE CONTRACTOR SHALL REFERENCE THE DESIGN PLANS FOR DIVENSIONS, JOINT LOCATIONS, AND INLAY SPECIFICATIONS NEAR-BUILDINGS AND IN COURTYARDS, CONTRACTOR SHALL PROVIDE JOINTS IN WAI KWAYS AND MARDESCHEP PER DIVIJUIS OF AS INDUCATING ON HAND SCAPE PLAN SHIFTS.
- ALL CONSTRUCTION TRAFFIC SHALL ENTER SITE FROM BROOKSIDE DR UNLESS OTHERWISE APPROVED IN WRITING FROM THE OWNERS REPRESENTATIVE FOR AN ALTERNATE POINT OF ACCESS. 4. REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION.
- ALL DIMENSIONS ARE IN DECIMAL FEET TO OUTSIDE FACE OF BUILDINGS, TO CENTERLINES, AND/OR FACE OF OURS UNLESS OTHERWISE NOTED.
- 6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATES AND REPORT ANY DISCR THE OWNER'S REPRESENTATIVE PRIOR TO ANY CONSTRUCTION.
- 7. ALL WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE FROM DRAWINGS.
- 8. ALL UTLITIES WITH SURFACE ACCESS SHALL BE LOCATED WITHIN THE PAVING PATTERN AND SHALL BE COORDINATED WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. REFER TO LAYOUT DRAWINGS. 9. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
- 10. ALISN ALL JOINTS, CORNERS, AND EDGES AS SHOWN
- CONTRACTOR SHALL REFER TO AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND MEP DRAWINGS AT ALL TIMES PRIOR TO AND DURING CONSTRUCTION.
- 12. ALL CURB TAPERS ARE SIX (#) FEET LONG UNLESS OTHERWISE SHOWN ON PLAN.
- WHERE NEW SIDEWALK ADJOINS EXISTING WALK, PROVIDE EXPANSION JOINT BY DRILLING INTO THE FACE OF THE EXISTING WALK FOR PLACEMENT OF OPACIES, THE NEW SIDEWALKS INTO NEAREST EXISTING PAVILIENT, JOINT, WALTEN UPTO HE REFERSION WALKWAY.
- 14. WHERE SIDEWALK OR WALKWAYS ARE ADJACENT TO PARKING SPACES THE WALKWAY SHALL BE A MINIMUM AS WIDE AS MEASURED FROM THE FACE OF OURS. MAXMUM RUNNING SLOPE FOR WALKING SURFACES CANNOT BE GREATER THAN 1:20 AND CROSS SLOPE CANNOT BE GREATER THAN 1:40. HAND/CAP SPACES SURFACE SLOPES SHALL NOT EXCEED 1:40 [N ALL DRECTIONS.
- SIGHT TRIANGLES NOTHING OVER 30" HIGH SHALL BE ALLOWED WITHIN THE SIGHT DISTANCE TRIANGLES
- 17. THE SITE SHALL BE FULLY STABLIZED (90% COVERAGE) PRIOR TO ISSUANCE OF A BUILDING CERTIFICATE OF DECLIPANCY DR PREJECT APPROVAL HANDICAP RAMPS SHALL BE INSTALLED PER LATEST EDITION OF THE NO BUILDING CODE AND ANSI 1 WITH DETECTABLE WARMING DOMES WITH A COLOR CONTRAST OF 70% MINIMUM, SEE DETAILS AND
- WITH DE LECTABLE WARMAN DURIES WITH A COLLIN COM INAS DE 70% MINIOU, SEE DE LAIS AND GRADNA STOP ELEVATIONE. IT THE EXISTING CONDITIONS PRECLUBE THE AUTURITY TO PROVIDE A MADIAUM SLOPE 112 POR FFEET OR A MAXIMUM CROSS SLOPE OF 148 AND A 30° MINIMUM LANDING. THE CONTRACTOR SHALL NOTITY ENNINEER OR ONNER REPRESENTATIVE PROPERTION INSTALLATION.
- 19. THE TESTING AGENCY SHALL BE RESPONSIBLE FOR PROVIDING THE ASPHALT AND CONTRACTOR CERTIFICATION MEMO TO INCODIT FOR ALL ROADWAY IMPROVEMENTS WITHIN THE PUBLIC RIGHT OF WAY.

GRADING AND STORM DRAINAGE NOTES:

- 1. REFER TO SHEET C3.00 FOR GENERAL NOTES. 2. CONTRACTOR SHALL REPORT ANY GRADE DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION OPERATIONS.
- 3. THE MAXIMUM SUBJECT ANY IMPOSED ACCESSIBLE PATHWAY SHALL NOT SCREED ANS AND SHALL NOT SCREED A 20% CROSS CODE, HARDECK RAMES INVESTIGATE ON PLANS BANGLINE A KANDING NOT 112 SLOPES WITH A MAXIMUM RESIDENT AND RETAILS IN AND RUSS. NON-LUKE CUT PAMPS SHALL HAVE HANDRALS AND GUARDS FEED EXTLASS. THIS SUBJECT AS THE BOTTOM MAD TOP OF RWP.
 - 4. ALL PROPOSED ELEVATIONS SHOWN ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE SPECIFIED
 - PHOR TO ISSUANCE OF A BULDING CERTIFICATE OF OCCUPANCY THE CONTRACTOR SHALL PROVIDE THE OWNER WITH THE VIDEO INSPECTION OF THE STORM SEWER SYSTEM, (BOTH PLEUG AND PRIVATE), THIS SUBMITTAL MAY NEED TO BE REMEMBED AND ACCOPTED BY THE LCCA. JUNISDICTION PHOR TO THE ISSUANCE OF THE BULDING CO.
 - REFER TO THE EROSION CONTROL DETAILS SHEET FOR THE SEQUENCE OF CONSTRUCTION INTERIM GRADING SHALL BE PROVIDED THAT ENSURES THE PROTECTION OF STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERNINNS, AND WASHOUT.
 - 9. INTERIM GRADING SHALL BE PROVIDED TO DIRECT WATER AWAY FROM BUILDINGS AND PREVENT PONDING.
- 10. THE ROOF LEADERS WHERE POSSIBLE TO UNDERGROUND STORM SYSTEM. CONTRACTOR TO FIELD VERIFY LOCATE AND INSTALL WHERE POSSIBLE OF AS SHOWN ON PLANS. WHERE ROOF LEADERS DAYLART AT GRADE AS PLANET LICCA SHOPPOYDD BY THE OWNERS REPRESENTATIVE SHALL BE USED LED.
- 11. MAXIMUM SLOPE ACROSS ANY HANDICAPPED PARKING SPACE AND ABLE SHALL NOT EXCEED 2% IN ANY CRECTION.
- 12. PROPOSED CONTOURS ARE APPROXIMATE. SPOT ELEVATIONS AND ROADWAY PROFILES SHALL BE USED IN CASE OF DISCREPANCY.
- Construction and the second and the second s
- STE GRACING INVEDINTELY ADJACENT TO FOUNDATION OF BUILDING SHALL SLOPE NOT LESS THAN 120 AVAN FOR MINUTA DETINGE OF 15 TEET, ALTERNATIVE INFERD SHALL SLOPE NOT LESS THAN 120 AVAN FOR MINUTA DETINGE OF THE STATE AND A DETINGT OF THE STATE AND A DETINGT.
- 15. CONTRACTOR SHALL ADJUST RIM ELEVATIONS OF EXISTING MANHOLES, METERS, VALVES, ETC. AS RECURED TO MEET NEW FINISHED GRADES.
- 16. CONTRACTOR SHALL SLOPE GRADES TO ASSURE POSITIVE STORMWATER FLOW TO KEEP WATER FROM POOLING ALONG CURES AND WALLS.
- 17. TOP OF WALL ELEVATIONS INDICATE THE ELEVATION AT THE TOP OF THE CAP, UNLESS OTHERWISE NOTED. 18. BOTTOM OF WALL ELEVATIONS INDICATE THE ELEVATION OF THE FINISHED GRADE.
- PAVING PATTERN NOTES:

- 1. END ALL UNIT PAYING PATTERNS WITH A FULL OR HALF SIZE PAVER UNLESS OTHERWISE NOTED. USE OVERSIZE PAVERS WHERE PATTERN ENDS ON A UNIT SMALLER THAN HALF SIZE. 2. LAYOUT OF UNIT PAYING PATTERNS AND CONCRETE JOINTS AS INDICATED ON THIS PLAN. REFERENCE LAYOUT PLANS FOR FURTHER PAYING LAYOUT INFORMATION.
- 3. PAVERS ABUTTING TRUNCATED DOMES SHALL BE A CONTRASTING COLO
- 4. ALKN ALL TRUNCATED DOME PAVER JOINTS WITH ABUTTING PAVER JOINTS.
- PROVIDE CONTINUOUS EXPANSION JOINTS BETWEEN BACK OF CURB AND ADJOINING PAVEMENT 6. PROVIDE CONTINUOUS EXPANSION JOINT BETWEEN ALL VERTICAL SURFACES AND ADJOINING PAVEMEN
- 7. ALL DIMENSIONS MEASURED TO CENTERLINE OF JOINTS.
- 8. ALL WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE FROM DRAWINGS.
- 9. ALL ANGLES 90 DEGREES UNLESS OTHERWISE NOTED.
- 10. ALION ALL JOINTS, CORNERS AND EDGES AS SHOWN.
- 11. FINAL LAYOUTS TO BE APPROVED BY LANDSCAPE ARCHITECT.

SIGNAGE, STRIPING AND MARKING NOTES:

- ALLINTERNAL SIGNAGE SHALL BE COORDIVATED WITH OWNER FOR ACTUAL LOCATION AT TIME OF INSTALLATION, SIGNAGE LEADING ONTO PUBLIC THOROUGHFARE SHALL BE INSTALLED AT RIGHT OF WAY PER DOLS STAURANDS.
- ALL PAVEMENT STRFING (EXCEPT INDIVIDUAL PARKING BAY STRFING) SHALL BE THERWOPLASTIC REFLECTIVE PAINT, MATERIAS AND DIVENSIONS SHALL CONFORM TO NODOT STANDARDS AND SPECIFICATIONS, PARKING BAY STRFING SHALL BE WHITE REFLECTIVE PAINT.
- CROSSWALKS SHALL BE CONSTRUCTED OF THERMOPLASTIC MATERIALS AND CONSTRUCTED IN ACCORDANCE WITH STATE DOT. SPECIFICATIONS. CONTRACTOR TO INSTALL CROSSWALKS IN SUCH A MAMMER THAT CROSSWALKS ARE AL IABLE DETIMED. HANDCARWALKWAY ACCESS POINTS OR PERFERIOLIZIA TO THE ROUWAY TOMOL LANE.
- ADA SYMBOLS SHOWN THESE DRAWINGS ARE FOR LOCATION PURPOSES ONLY AND NOT INTENDED TO BE PAINTED. CONTRACTOR RESPONSIBLE FOR INSTALLING ALL RECLIRED ADA SIGNAGE

- UTILITY NOTES:
- 1. REFER TO SHEET C3.00 FOR GENERAL NOTES.

PROPOSED UTILITY SEPARATION:

4. SEPARATION OF SANITARY SEWERS AND STORM SEWERS

MINNUM REQUIRED SLOPES FOR SEWER SERVICES: 4' SEWER SERVICE - 200% SLOPE 6' SEWER SERVICE - 1.00% SLOPE 8' SEWER SERVICE - 0.50% SLOPE

4" SEWER SERVICE - SCH 80 6" SEWER SERVICE - SCH 00 8" SEWER SERVICE - SDR 35

SEWER NOTES:

WATER NOTES:

- 2. UNLESS OTHERWISE NOTED, ALL MANHOLES SHALL BE PRE-GAST CONCRETE STRUCTURES. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF UNDERGROUND UTLITIES (WATER, SEWER, STORM, ELECTRICAL, GAS, OR OTHER; FOR THIS PROJECT WITH THE BUILDING PLANS, THE UTILITY CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE INSTALLATION OF ALL UTLITY SERVICES TO WITHIN THE QUILTUT OF THE UNLERGE CONNECTION FORT.
- THE CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS ON SITE AND UTILITY PROVIDERS DURING CONSTRUCTION TO ENSURE SMOOTH TRANSITION BETWEEN DISCIPLINES.

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- THE CONTRACTOR SHALL COORDINATE ALL PEDESTRIAN AND VEHICULAR INTERRUPTIONS WITH OWNERS REPRESENTATIVE AT LEAST 72 HOURS PRIOR TO BEOMNING WORK.
- THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK INSIDE THE PUBLIC RIGHT OF WAY PRIOR TO RECEIPT AND COMPLIANCE WITH ALL APPLICABLE RECORT PERMITS, ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY FLADGERS AND TRAFFIC CONTROL DURING ALL WORK (NADIT THE PUBLIC REARTS OF WAY.
- THE CONTRACTOR SHALL NOT REUSE ANY FRE HYDRANT REMOVED AS PART OF THIS PROJECT. ANY FIRE HYDRANT SHOWN TO BE REMOVED OR RELOCATED SHALL BE REPLACED WITH A NEW FRE HYDRAN MEETING THE LOCAL JURISOITIONAL REDUREMENTS AND STATURARSS.
- ALL DRIVE SIG-AGRICUL CUITED ENV TEC ON THE CONTINUEND SOURCE A REPORT ON THE REPORT THE REPORT ON THE ADDITION BASED SUBJECT THROW THE ADDITION OF THE REPORT ON ADDITION OF ANY OTHER APPLICATE RECORD PROVIDED NOT INFORM TO ADDITION OF EXPERIMENT ADDITION OF ANY OTHER APPLICATE RECORD PROVIDED NOT INFORM TO ADDITION OF EXPERIMENT ADDITION OF ANY OTHER APPLICATE RECORD PROVIDED NOT INFORMATION ADDITION OF ANY OTHER APPLICATE RECORD PROVIDED NOT INFORMATION THIS VIEW OF ADDITION OF ADDITION OF ADDITION OF ADDITION CONTINUENT, ADDITION OF ADDITION OF ADDITION OF ADDITION OF ADDITION CONTINUENT, ADDITION OF ADDITION OF ADDITION OF ADDITION OF ADDITION CONTINUENT, ADDITION OF ADDITION OF ADDITION OF ADDITION OF ADDITION CONTINUENT, ADDITION OF ADDITION CONTINUENT, ADDITION OF ADDITIONOON OF ADDITIONOON ADDITIONOO ELEVATIONS OF UTUTHES ARE GIVEN TO THE EXTENT OF INFORMATION AVAILABLE, WHERE ELEVATIONS ARE NOT GIVEN AT POINTS OF EXISTING UTUTY CROSSINGS, SUCH ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND REPORTED TO THE ENONEER. WHEN UNKNOWN LIVES ARE EXPOSED, THER LOCATIONS AND ELEVATIONS BRULL ALSO DE REPORTED TO THE ENONEER.

ADMINISTENCE REFINITE OF PRACTABULE REPORTED 10 HE DRIVER. UNDERREGERIO DE LITERIS SEGUINO DE LITERIO DI ADMINISTE DI ADMINISTE DUDI DI ANY CONSTRUCTION DI UNDERREGERIO DE LITERIO DI ADMINISTERIO DI ADMINISTERIO DI ADMINISTERIO DI ADMINISTERIO DI ALA ADMINISTE DE LI ALLE PORT DE LITERIO DI ADMINISTERIO DI ADMINISTERI

SPECE HOWELD COMMITTEE COME COMPARING HER DEPENDENCE FROM LOCAL LENGELETION OF ENGINEER THE CONTRACTOR SHALL PROVIDE AS BUT TORANINGS IN BOTH PAPER NAD ELECTRON OF ENGINEER THE CONTRACTOR SHALL PROVIDE AS BUT OF APPROXIMATION OF AND ELECTRON OF ENGINEER TO A DEPENDENCE ON A DEVICE OF A PROVIDE AS A DEPENDENCE SEARCH STOOM NOLLIDER ALL STREETCH INFORMATION SHALL BE PROVIDED OR WITSE SEARCH STOOM NOLLIDER ALL STREETCH RESOLUTION OF APPRICATION OF A DEVICE TO A DEVICE AND A DEVICE AND A DEVICE AND A DEVICE AND A DEVICE SEARCH STOOM NOLLIDER ALL STREETCH RESOLUTION OF A DEVICE AND A DEVI

WATER MANS SHALL BE LAID AT LEAST TO FEET HORIZONTALLY FROM DISTING OR PROPOSED SEVERS, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10-FOOT HORIZONTAL SEPARATION IN WHICH

CROSSENT ANTER MENOVERA A SYMEN MENDEELE IS RECESSANT OR A WOTE MENOVERA CROSSENT ALL ANTER MENOVERA A SYMEN MENOVERAL DE VERIOR SENTITATION DE STATUS OF THE WATER MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SEARE MEASURE ALL CONCIDENCE ON SWATER MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SEARE MEASURE ALL CONCIDENCE SHATER MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SEARE MEASURE ALL CONCIDENCE ON SWATER MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SEARE MEASURE ALL CONCIDENCE ON SWATER MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SAME MEASURE ALL CONCIDENCE MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SEARE MEASURE AND THE ADOVE THE THE ALL MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SEARE MEASURE ALL CONCIDENCE ON MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SAME MEASURE ALL CONCIDENCE ON MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SAME MEASURE AND THE ADOVE THE THE ALL AND MARK TALLEAT INCHES ADOVE THE TOP OF THE SAME MEASURE AND THE ADOVE THE THE ALL AND MARK TALLEAT IN INCHES ADOVE THE TOP OF THE SAME MEASURE AND THE ADOVE THE THE ADOVE THE TALLEAT TO MARK TALLEAT THE MEASURE OF THE TOP OF SAME ALL OF THE TOP OF CONCERNS.

CROSSING A WATER MAIN UNDER A SEWER. WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER, BOTH THE WATER MAIN AND THE SEWER SHALL BE CONSTRUCTED OF PERROUS

WATERALS AND WITH JOINTS IDUIVALINT TO WATER AND STANDARDS FOR A DISTANCE OF THE PUNT EXCH SDE OF THE POINT OF CROSSING, A SECTION OF WATER WAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING.

A 24" VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN STORM SERVER AND SANITARY SERVER LINES OR BOTH THE SANITARY AND THE STORM LINES SHALL BE CONSTRUCTED OF FEDERAL INFORMATION.

SANTARY SEWER CLEANCUTS LOCATED IN PAVENENT AREAS SHALL BE HEAVY DUTY TRAFFIC BEARING CASTINGS.

MANHOUSES LOCATEEN IN NAVEMENT, CONCERT OR OTHER TRAFFIC AREAS SHALL IN SET AT GRADE, MANHOUSE LOCATEEN IN OTHER AREAS LE, GRADE KON VODED AREAS SHALL HAVE THER MARE AREAS SER INCHES AREAVET THE SURRELINERING CARDE, MANHOL ES SUBJECT TO POSSIBLE WATER INFILTRATION SHALL HAVE WHERTIGHT, ROCTED LOS.

UNLESS OTHERWISE NOTED, LOCATE SANJTARY SERVICE CLEANOUTS AT ALL HORIZONTAL OR VERTICAL CHANGES IN DIRECTION MAXIMUM SPACING BETWEEN CLEANOUTS SHALL BE 75 FEET.

6. ALL MANHOLES COVERS SHALL BE PAINTED TO LOCAL JURISDICTIONAL REQUIREMENTS.

ALL WATERLINES SHALL HAVE A MINIMUM OF 3.5 FEET OF COVER.

AS INDICATED, ALL WATERLINES SHALL BE DUCTILE IRON PIPE MEETING THE REQUIREMENTS OF ANRI-AWWA CH19 PRESSURE CLASS 350 OR 30CF1 COPPER TYPE K PIPE PER ASTM 888. IF PVC WATERLINE'S NOIGCATED ON THE PLANE'S THAIL MEET THE REQUIREMENTS OF AWWA CASO C

TESTING NOTES:
 PERSURE:
 LEARAGE SHALL NOT EXCEED THE MAXIMUM ALLOWABLE LEARAGE SHECHED IN ANNA C BXX
 LEARAGE SHALL NOT EXCEED THE MAXIMUM ALLOWABLE LEARAGE SHECHED IN ANNA C BXX
 MAMMAN TEST PRESSURE SHALL BE 150 PGI FOR FORMESTIC AND 20 PGI FOR FILE
 MAXIMUM TEST

WINNUM THET PRESSURE BAAL DE 10 DE TOR DE LOR DE LE AND 20 PET OR PRE PROTECTION MATHEMOLOGICAL TWO SAMPLES FOR BACTERIOLOGICAL SAMPLING SHALL DE COLLECTED AT LEAST 24 HOURS APART, IF CONTAMINATION IS NIGAZED, THEN THE DISINFECTION PROCEDURE AND TESTING SHALL DE REPEATED UNTIL SATISFACTORY RESULTS ARE ORTARED.

THE CHURGING IN HEAVEN CHURGINATED WATER FUSHED FROM MANS NEEDS TO BE NEUTRALIZED BEFORE DISCHARGE, CONTRACTORS SHALL NEUTRALIZE HAAVEN CHURGINATED WATER FUSHER MANS PHORE TO DISCHARGE OF THANSFORT ALL HAAVEN CHURGINATED WATER FOR FOR PROPER

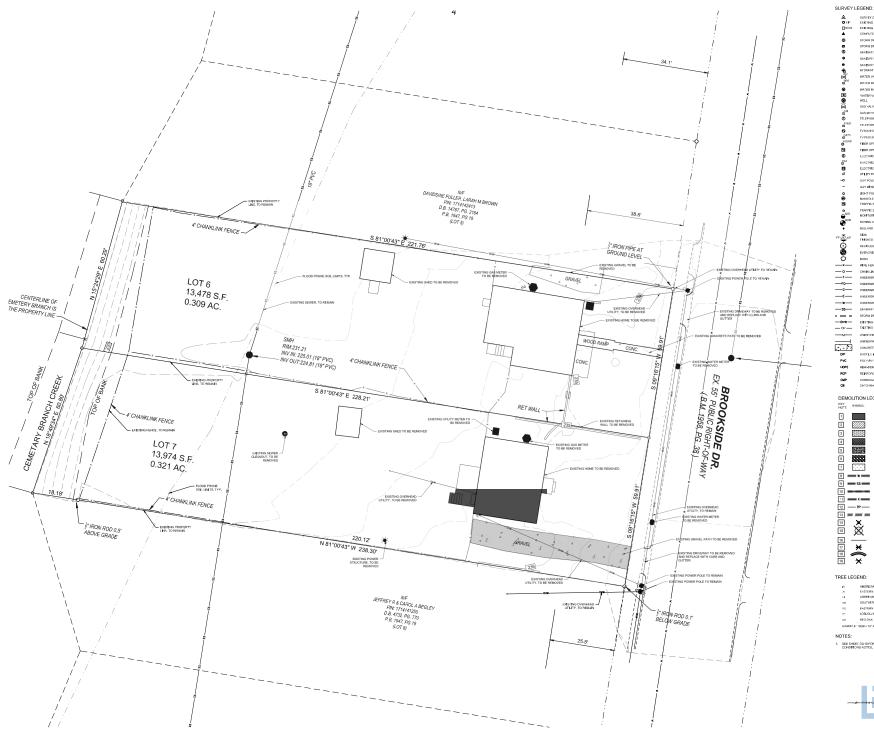
5. PAINT VALVE COVERS, FIRE HYDRANTS AND OTHER WATER APPARATUS TO MEET THE LOCAL JURISDICTIONAL RECURRENTIS

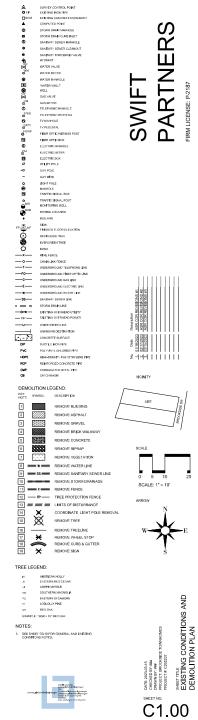
SEWER LINES LESS THAN 3 FEET OF COVER SHALL BE CLASS 50 DUCTLE IRON PIPE. SEWER LINES WITH OREATER THAN 3 FEET OF COVER SHALL BE AS NOTED BELOW:

UNLESS OTHERWISE NOTED, ALL SANITARY SEWER WANHOLES ARE 4" DIA.

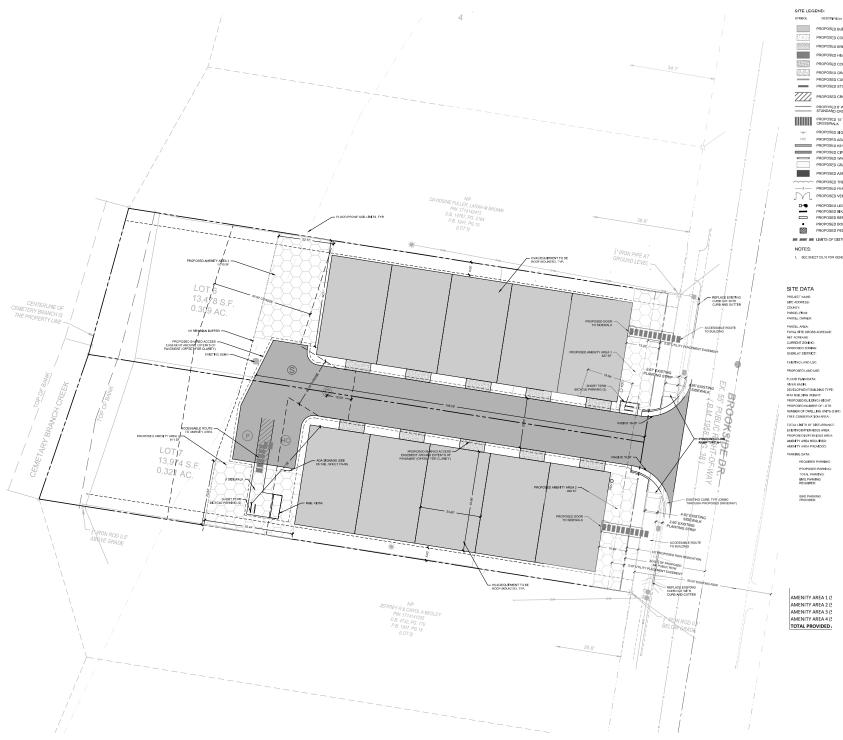
a. THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, OR

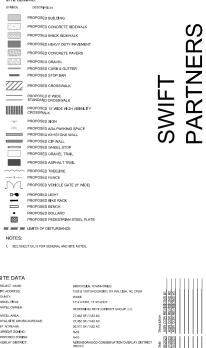
THE WATER MAIN IS LADD IN THE SAME TRENCH AS THE SEWER WITH THE WATER MAIN LOCATED AT ONE SIDE OF A BEACH OF UNDERTWIEDD PARTH, AND WITH THE LEWATEN OF THE BOTTOM OF THE WATER MAIN AT LEAST 16 NONES ADDRESS THE TOP TO THE SIMULE.





FIRM LICENSE: P-2187







FIRM LICENSE: P-2187

NEUSE FREQUENT TRANSIT DEVELOPMENT (APARTMENT) VICINITY

21,526 SF / 0.49 AC 0.00 AC / 3,914 SF 0.33 AC / 14,200 SF 0.06 AC / 2,745 SF 0.07 AC / 3,052 SF 3 SPACES/UNIT MAXIMUM

SINGLE FAVILY LIVING

MULTI FAMILY LIVING

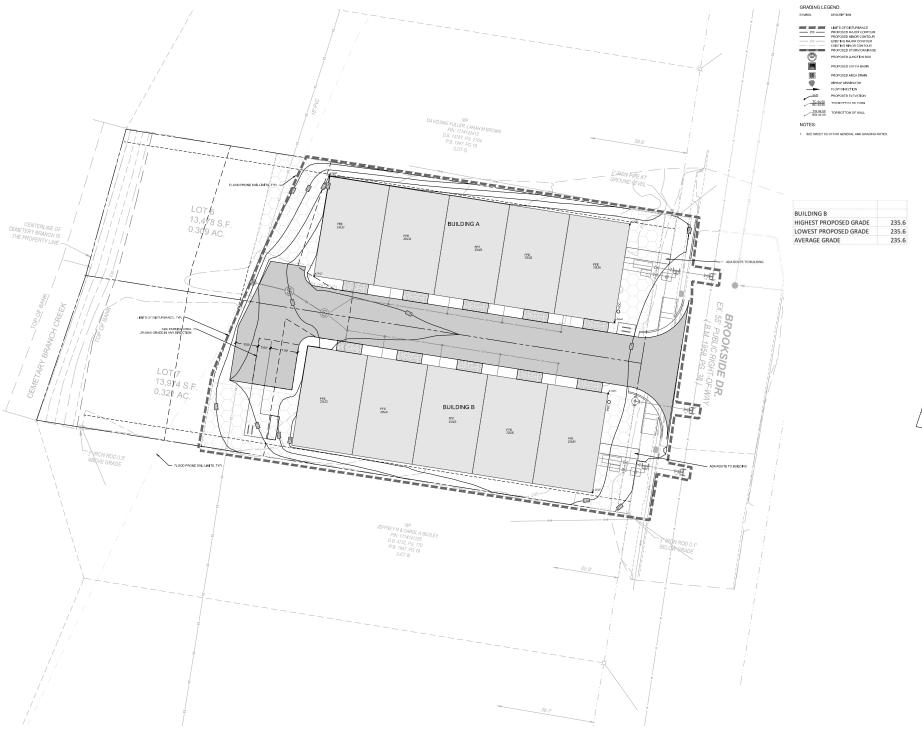
45' / 3 STORIES 32-6 34'

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22 SPOTS (2 GARAGE SPOTS/UNIT) 22 SPOTS SHORT TERM: 1 SPACE PER 20 UNITS, 4 MINIMU LONG TERM: 1 SPACE PER 10 BEDROOMS SHORT TERM: 4 SPACES LONG TERM: 10 SPACES (GARAGE STORAGE







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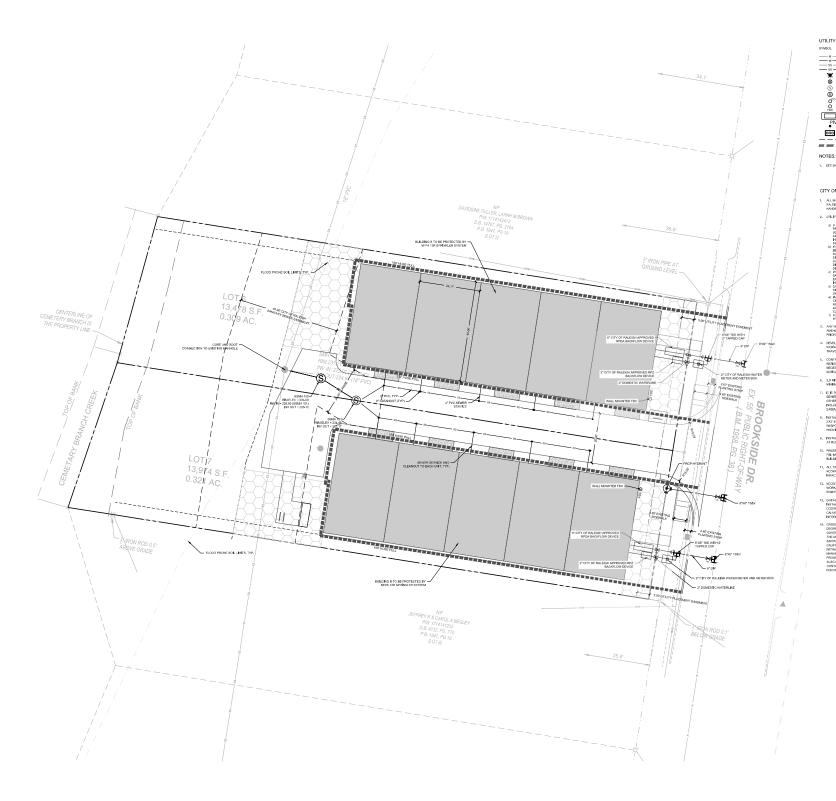


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> PROLECT: RECORDER TOWHOMES PROLECT: G20227 SEETTITE GRADING AND DRAINAGE PLAN

DATE: 2023-03-15 CHECKED BY:LAP DRAWN BY:LAP PROJECT: BROCKSIDE TI PROJECT #: C202237

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ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RAUTICH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION)

2. UTLITY SEPARATION REQUIREMENTS:

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ANY NECESSARY HELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AMUNOUD PLAN STOR PROPILE BY THE CITY OF RALEIGH PUBLIC UTLITIES OF PRIOR TO CONSTRUCTION ARTMENT

DEVELOPER SHALL PROVIDE 30 DAYS ADVANCE WRITTEN NOTIO WORK REQUIRED WITHIN AN EXISTING CITY OF RALEICH UTUTY TRAVERSING PRIVATE PROPERTY

CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SERVICE TO EXISTING RESIDENCES & BUCINESSES THROUGHOUT CONSTRUCTION OF PROJECT, ANY NECESSARY SERVICE INTERLIPTIONS SHALL BE PRECEDED BY A 24 HOLR ADVANCE NOTICE TO THE CITY OF RALEBH PUBLIC UTLITES DEPARTMENT

 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FOR MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS CEMAINS 4 IT

. IT IS THE DEVELOPERS RESPONSIBILITY TO ABANDON OR REMOVE EXISTING WATER & SEVER SERVICES NOT BEING USED IN RECEVELOPMENT OF A SITE UNLESS OTHERMISE ENROLETED IT THE OTH OF RALEDH FAULT OF LITTLES DEVELOPMENT. THE INCLUES ADARDONNOT TAP AT MARY & REDVOLL OF SERVICE FROM NOW OR LEADELINF FOR ORD-TO INDEDOCE PROCEDURE

NETHELS OF CONFERENCE STRUCTURES INTO ATTREE LOCATED AT REXING OTHER AT 257 WAYER, HE EASIMENT INVESTIGATED ADACENT, <u>SOTE</u> IF IS THE APPLICATES RESOLUBLIET OF OPENICATES. THE INTER BEINGE FOR EACH CONFECTION TO MICHELS ALECTALE IN OWN ARE SUBJECT.

8. INSTALL 4" PVC" SEWER SERVICES (() 1.0% WINIMUM GRADE WITH CLEAN AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM

10. PRESSURE REDUCING VALVES ARE REQUIRED ON ALL WATER SERVICES EXCELEDING IN PSI: BACKWATER VALVES ARE REQUIRED ON ALL SANTRARY SEWER SERVICES HANNS BUILDING DRAINS LOWER THAN 107 ABOVE THE RESK URSTREAM MENHOLE

11. ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT NUST BE OBTAINED FROM NODWO, USACE AUCK FEWA FOR ANY REPARTM BUFFER, WETLAND &/OR FLOODPLAIN WAYATS (RESPECTIVELY) PRIOR TO CONSTRUCTION.

12. NCDOT / RALIROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RALIROAD ROW PRIOR TO CONSTRUCTION

GREASEINTERCEPTOR (OR WATER SEARATOR SIZING CALCULATIONS & INSTALIATION SPECIFICATIONS SHALL BE APPRICADE BY THE CORFLOY FOR PROSPAN-COMPARITOR PREFER DISSILACE OF A BILLIONS PARTICLE, CONTRACT STRIPPIN CALVERLEY AT (1995) WH-23M ON <u>STEPPEN CALVERLEY/WHAN ESSANC.COD</u> FOR MORE INFORMATION

REVANUUM ORIS-CONNECTION CONTROL PROTECTION REVIEWS ARE REQUIRED BASED ON DORSE CONNECTION CONTROL PROTECTION REVIEWS ARE REVIEWS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS ADDRESS AND A

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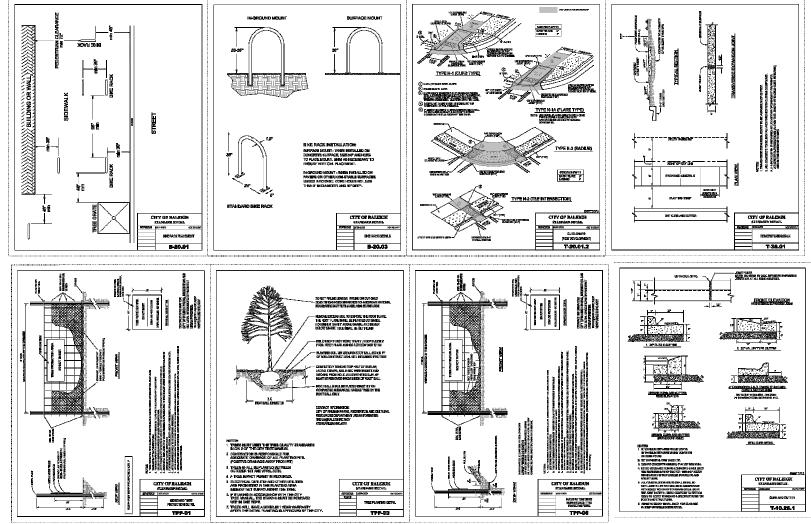


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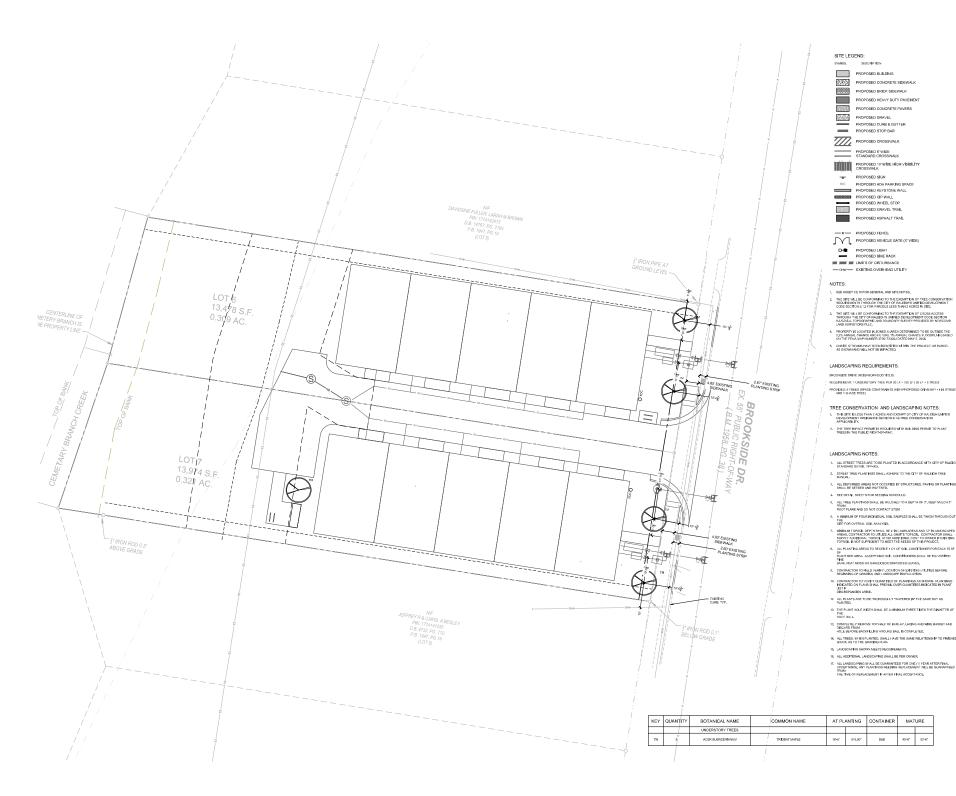


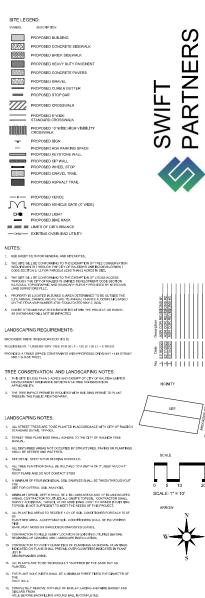












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