

Case File / Name: SUB-0007-2024 DSLC - Chapman Cottages

LOCATION:	This 2.36 acre site is composed of two parcels zoned Residential - 6 and Special Residential Parking Overlay district (SRPOD). Two existing houses on the site are
	proposed for demolition. The site is located on the west side of Powell Drive at 724 and 730 Powell Drive.
REQUEST:	This is a cottage court subdivision consisting of 17 lots, 15 of which are for detached dwelling units and two for common lots to be owned by a homeowner's association. All buildings and structures will be evaluated for compliance upon
DESIGN	submittal of individual building permit applications.
ADJUSTMENT(S)/ ALTERNATES, ETC:	N/A

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 May 17, 2024 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:

General

- 1. Provide a detail in the plan set showing how cars are to be parked for each of the two residential building types
- 2. For ease in platting and for clarity please include a platting sheet showing only right of ways, easements, property lines, and with each proposed parcel (residential and HOA) lots numbered thanks.
- 3. Please revise the site plan to show an access easement across the building lots on the west side of the site connecting the two proposed HOA lots to allow for homeowner maintenance of the tree conservation area as required by UDO Section 9.1.5 A 2 b.

Stormwater

- 4. A surety equal to of the cost of clearing, grubbing and reseeding a site, shall be paid to the City (UDO 9.4.4).
- 5. A nitrogen offset payment must be made to a qualifying mitigation bank (UDO 9.2.2.B).



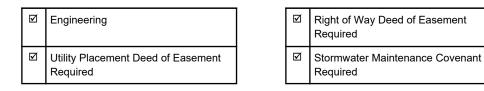
Case File / Name: SUB-0007-2024 DSLC - Chapman Cottages

6. A stormwater control plan with a stormwater operations and maintenance manual and budget shall be approved (UDO 9.2).

Urban Forestry

- 7. Tree protection fence must be inspected by Urban Forestry staff prior to the issuance of a grading permit.
- 8. Submit a final tree conservation plan that includes metes and bounds descriptions of all tree conservation areas and tree protection fencing as required (UDO 9.1.5).

☑ <u>LEGAL DOCUMENTS</u> - Email to legaldocumentreview@raleighnc.gov. Legal documents must be approved, executed, and recorded prior to or in conjunction with the recorded plat on which the associated easements are shown. Copies of recorded documents must be returned to the City within one business day of recording to avoid withholding of further permit issuance.



☑ **<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:

General

- 1. Street names for this development shall be approved by the Raleigh GIS Division and by Wake County.
- 2. Provide documentation indicating a Property Owner's Association has been established for the subject development.
- 3. A demolition permit shall be issued and this building permit number shown on all maps for recording.
- 4. An access easement to the tree conservation area must be shown as required by UDO Section 9.1.5 A 2 b.

Engineering



Administrative Approval Action Case File / Name: SUB-0007-2024

Case File / Name: SUB-0007-2024 DSLC - Chapman Cottages

- 5. A pedestrian and bicycle 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)
- 6. 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)
- A public infrastructure surety shall be provided to City of Raleigh Transportation Development Engineering Division (UDO 8.1.3) in the amount of 100% of the improvement cost for the NCDOT portion and 125% of the improvement cost for the City of Raleigh infrastructure.
- 8. A fee-in-lieu for the 5' bike lane on Powell Drive is paid to the City of Raleigh (UDO 8.1.10).
- 9. A public street right-of-way 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)

Public Utilities

10. Site Permit Review plans (SPR) must be approved by the City of Raleigh Public Utilities Department for all public water, public sewer and/or private sewer extensions.

Stormwater

- 11. The maximum allocated impervious area for all applicable lots in the subdivision should be identified on all maps for recording.
- 12. All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).



- Case File / Name: SUB-0007-2024 DSLC - Chapman Cottages
- 13. The City form document entitled Declaration of Maintenance Covenant and Grant of Protection Easement for Stormwater Control Facilities shall be approved by the City and recorded with the county register of deeds office (UDO 9.2.2.G).
- 14. A surety equal to 125% of the cost of the construction of a stormwater device shall be paid to the Engineering Services Department (UDO 9.2.2.D.1.d).

Urban Forestry

- 15. A public infrastructure surety for eight (8) street trees 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.
- 16. A tree conservation plat shall be recorded with metes and bounds showing the designated tree conservation areas (UDO 9.1). This development proposes 0.24 acres of secondary tree conservation area.

☑ <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.

Stormwater

- 3. A surety equal to 125% of the cost of the construction of a stormwater device shall be paid to the Engineering Services Department (UDO 9.2.2.D.1.d).
- 4. All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).
- 5. The City form document entitled Declaration of Maintenance Covenant and Grant of Protection Easement for Stormwater Control Facilities shall be approved by the City and recorded with the county register of deeds office (UDO 9.2.2.G).
- 6. Impervious restrictions for each lot must be recorded on a plat prior to building permit issuance.



Case File / Name: SUB-0007-2024 DSLC - Chapman Cottages

Urban Forestry

7. A tree impact permit must be obtained for the approved streetscape tree installation in the right-of-way. This development proposes eight (8) street trees along Powell Dr.

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

General

- 1. Final inspection of all tree conservation areas and right-of-way street trees by Urban Forestry Staf
- 2. 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

3. As-built impervious survey is accepted by the Engineering Services Department (UDO 9.2).

EXPIRATION DATES: If significant construction has not taken place on a project after preliminary subdivision approval, that approval may "sunset" and be declared void, requiring re-approval before permits may be issued. To avoid allowing this preliminary approval to "sunset", the following must take place by the following dates:

3-Year Sunset Date: July 9, 2027 Record at least ½ of the land area approved.

5-Year Sunset Date: July 9, 2029 Record entire subdivision.

I hereby certify this administrative decision.

Signed:

Date: 07/09/2024

Development Servides Dir/Designee Staff Coordinator: Michael Walters

CHAPMAN COTTAGES

724 & 730 POWELL DRIVE RALEIGH, NC 27607

CITY OF RALEIGH PRELIMINARY SUBDIVISION SUBMITTAL SUB-0007-2024

SUBMITTED ON: 02.06.2024 REVISED ON: 04.17.2024 REVISED ON: 05.17.2024



	Sheet List Table
Sheet Number	Sheet Title
C0-00	COVER SHEET
C0.20	GENERAL NOTES
C1,01	EXISTING CONDITIONS PLAN
C1.05	RECOMBINATION
G2.00	DEMOLITION PLAN
C3.00	SITE PLAN
C5.00	GRADING AND DRAINAGE PLAN
C5.10	SCM DETALS
C8.00	UTILITY PLAN
C9.00	SITE DETAILS
C9.20	STORM DRAIN DETAILS
C9.30	UTILITY DETAILS
L1.00	PLANTING PLAN
L-2.0	TREE CONSERVATION PLAN
1-2.4	TREE CONSERVATION DETAILS

RIGHT-OF-WAY OBSTRUCTION NOTES:

GENERAL NOTES

SOLID WASTE

PRIOR TO ANY WORK THAT IMPACTS THE RISHT-OF-WAY, CLOSING OR DETCURING OF ANY STREET, LANE, OR SIDEWALK, THE CONTRACTOR MUST APPLY FOR A PERMIT WITH RISHT-OF-WAY SERVICES PLEASE DIRECT ANY CUESTIONS TO RIGHTOWAYSERVICES BY AUXIENT COLOR.

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6. ALL PUBLIC SPEWALKS MUST BE ACCESSIBLE TO PEDESTRIVES WHO ARE VISUALLY IMPARED AVAIOR PEOPLE WTH MOBILIT CONCERNS, EXISTING AND ALTERNATIVE PEDESTRIVA ROUTES DURING CONSTRUCTIONS SMALL BE REQURRED TO BE CONVELVENT THE FUBLIC PEOPLS OF WWY ACCESSIBLILTY QUEELINES (PROVING), THE AUX STANDARDS FOR ACCESSIBLE DESIGN AND THE MANAUL, ON MINORITION TO CONCERNS, EXISTING AND ALTERNATIVE DOUBLE DESIGN AND THE MANAUL, ON MINORITION TO CONCERNS, EXISTING AND THE MANUES FOR ACCESSIBLE DESIGN AND THE MANAUL, ON MINORITION TO CONCERNS, EXISTING AND THE MANUES FOR ACCESSIBLE DESIGN AND THE MANAUL, ON MINORITION TO CONCERNS, EXISTING AND THE MANUES FOR ACCESSIBLE DESIGN AND THE MANAUL, ON MINORITION TO CONCERNS, EXISTING AND THE MANUES FOR ACCESSIBLE DESIGN AND THE MANUNES AND ALTERNATIVES AND THE MANUES FOR ACCESSIBLE DESIGN AND THE MANUNES AND ALTERNATIVES AND THE MANUES FOR ACCESSIBLE DESIGN AND THE MANUNES AND ALTERNATIVES AND ALTERNATIVES FOR ACCESSIBLE DESIGN AND THE MANUNES AND ALTERNATIVES AND ALTERNATIVES FOR ACCESSIBLE DESIGN AND THE MANUNES AND ALTERNATIVES AN

ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE OFFICE OF STATE CONSTRUCTION, REPARTMENT OF REURANCE, INCOME, AND ALL OTHER APEL DAVE & LOCAL, STATE AND FEDERAL AND SECILIZATIONS.

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THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VEMPYING EXISTING CONDITIONS PRIOR T COMMENCEMENT OF ARM WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNERS P OF ANY DISCREMANCES OR CONFLICTS.

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7. ALL PERMITS MUST BE AVAILABLE AND VISIBLE ON SITE DURING THE OPERATION



VICINITY MAP

SITE DATA PROJECT NAME: SITE ADDRESS: COUNTY: PARCEL PIN #: PARCEL PIN E PARCEL OWNER: PARCEL AREA: TOTAL SITE GROSS ACREAGE PROPOSED RIGHT-OF-WAY DEDICATION: NET ACREAGE: REQUIRED SITE AREA (UDO SECTION 2.6.1.0.4) CURRENT ZOMING: PROPOSED ZONING EXISTING LAND USE: PROPOSED LAND USE: FLOOD PLAIN DATA: RIVER BASIN: DEVELOPMENT TYPE: MAX BUILDING HEIGHT: NAX SUBANCHIONI PRODECID SUBANCHIONI PRODECID SUBANCHIONI PRODECID SUBANCHIONI SUD SECTOR 24-0.06 PRODECID NAMERIO FINILIA DU SUB PRODECID NAMERIO FINILIA DU SUB PRODECID NAMERIO FINILIA DU SUB PRODECID NAMERIO FINILIA PRODECID NAMERIO FINILIA PRODECID DU SUBANCHIO FINILIA PRODUCED DU SUBANCHIO FINILIA PR

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SITE































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PARTNERS

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GENERAL NOTES

ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN COMPLANCE WITH THE OFFICE OF STATE CONSTRUCTION, DEPARTMENT OF INSURANCE, INCOMP, AND ALL OTHER APPLICABLE LOCAL, STATE AND FE GLOBENES, ALL UTLITY CONSTRUCTION SHALL COMPLY WITH APPLICABLE LOCAL, UNISOCIDIANL STAND AND SPECIFICATIONS.

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- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COORDINATING PERMITS, INSPECTIONS, CIRCIPLCATIONS AND OTHER REQUIREMENTS WHICH MUST BE MET UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL MAINTAIN 'AS BUILT' DRAWINGS TO RECORD THE ACTUAL LOCATION OF ALL PIPING PRIOR TO CONCEALENT, VALVE AND MAINTUE CHANGES, AND HARDSCAPE OR LABOSCAPE CHANGES DRAWINGS SHALL BE PROVIDED TO THE OWNERS REPRESENTATIVE AT REQUESTED STATUS OF A DRAWING STATUS OF A DRAWING TO REPRESENT THE ACTUAL REVERAGE, OR AS REQUESTED TO REVERSE THE REPORT OF THE OWNERS REPRESENT THE REVERSE OF A DRAWING STATUS OF REPORT OF A DRAWING STATUS OF A DRAWING STATUS OF A DRAWING STATUS OF A DRAWING STATUS OF A DRAWING A DRAWING STATUS OF A DRAWING A DRAWING STATUS OF A DRAWING A DRA
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- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INTERPRISES FREE FROM ACCUMULATIONS OF WASTE MATERIALS AND RUMBER CAUSED BY THE CONTRACTOR. ALL DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE ON A DULY BASIS.
- 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.
- 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 83-2011 AND VERTICAL DATUM IS NAVDER.
- 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 IFILD VERIMY LOCATION OF ALL UTILITIES PROFIT OCOMMUNICING CONSTRUCTION.
- 5. SURVEY INFORMATION COLLECTED BY TURNING POINT SURVEYING 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. THE CONTRACTOR SHALL REMOVE CONCRETE (WHERE REQUIRED) TO THE FIRST COLD JOINT OR SAW OUT TO OBTINN A CLEAN EDGE.
- 2. THE CONTRACTOR SHALL SAWCUT EXISTING ASPHALT (WHERE REQUIRED) TO OBTAIN A CLEAN EDGE CLEANDUTS AND WATER VALVES LOCATED IN AREAS OF DENDLINGN OR SUBSECUENT CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND RAISED TO BE FLUSH WITH NEW GRADE.
- ANY UTILITY SERVICES SHOWN TO BE REMOVED OR RELOCATE SMULL BE COORDINATED WITH THE APPROPRIATE UTILITY PROVIDER. CONTRACTOR & RESPONSELE FOR APPROPRIATE SEQUENCING OF UTILITY DEMOLITION WITH THE RESPECTIVE UTILITY ADDRESS.
- 5. contracting is according to a contracting in the second sec
- 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 CONFLETELY, INCLUDING ALL SUBGRADE MATERIALS DIRECTLY ASSOCIATED WITH TEMS TO BE REMOVED. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF LEGALLY OFF-SITE UNLESS OTHERWISE NOTED ON THIS PLAN.
- 8. REFER TO LANDSCAPE AND EROSION CONTROL DRAWINGS FOR TREE PROTECTION PLAN AND REQUIREMENTS.
- 10. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL JURISDICTIONAL CODES OR REQUIREMENTS. 11. TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO BEGINNING DEMOLITION
- 12. EROSION CONTROL PERMIT SHALL BE OBTAINED AND ONSITE PRIOR TO BEGINNING DEMOLITION
- 13. ITENS DESIGNATED 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.
- WHERE UTILITIES ("TO BE REMOVED') IMPACT THE POOTPRINT OF THE NEW BUILDING. THE CONTRACTOR SHALL EXECUTE AND REMOVE AN ADDITIONAL 2 REST OF SOLIS TO STHERE SILE OF SUB-THE DE LOT CONTRACTOR SHALL BUILDING SOLIS ANALL BE UTIL SECO STREMOVELLA DE COMPACTED IN ACCORDANCE WITH THE CONTRACTOR STATUS OF SUB-STREME STREME S
- 15. DEMOLITION AND SUBBEDUENT CONSTRUCTION OF STORM DRAINAGE PIPING SHALL BE PERFORMED IN SUCH A MANABER THAT THE OLD PIPE AND STRUCTURES REMOVED DO NOT IMPACT DRAINAGE UPSTREAM OF THE SYSTEM. PROVINOUS SHALL BE MADE TO MANTAH STORM WATER REAMAGE PATTERING DURK CONSTRUCTION. 16. DEBAUTION AND SUBSOURCE CONSTRUCTION OF UTITES INVERTS STARTS ETCISIAL BE PERFORMED N. SUCH A WARRET NHAT THE CALIFIE AND ENDINESTIMATES ON ON THE MACTOR SWARES SERVICE INTERNIPTION TO EXISTING FACILITIES TO REMAIN, PROVISIONS SHALL BE MADE TO MAINTAIN SERVICE OLIFIN CONSTRUCTION.
- 17. THE CONTRACTOR SHALL BE RESPONSELE FOR REPAIRING ALL DAMAGES TO THE EXISTING DRIVEWAY, PARKING LOT, SIDEWALK AND CLIPS AND GUTTER AS A RESLLT OF CONSTRUCTION ACTIVITY AND TRAFFIC, CONTRACTOR SHALL MANTAN A PRICEOSE STRUCTORY NOED OR PHOTO DOCUMENTATION TO SHOW NO DAWAGES OCCURRED.
- AU, MATERIALS, PURNSHINGS, 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 UTLITTES ARE SHOWN TO BE "REMOVED", CONTRACTOR SHALL INCLUDE NECESSARY PLUG OR VALVES TO ENSURE UTLITY LINES TO REMAIN VILL CONTINUE TO BE IN SERVICE. COORDINATE NECESSARY SHUT DOWN AND REMOVIAL WITH THE LCCAL JURISDICTION OR UTLITY OWNER.
- 20. 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 WATERIALS AND FURMISHINGS ARE LISTED IN THE LEGEND AND ARE USED THROUGHOUT THE DRAWING SET'S HARDSCAPE & FURMISHINGS PLANS, PAVING PATTERN PLANS AND SITE DITAILS.
- 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 NUCLUED IN 1145 SCHEDULE CONTRACTOR TO SUBJIT COLOR SHIPLES AND PROVIDE NOCK-UPS FOR ALL CAST IN PLACE CONCRETE FOR APPROVAL BY LANDSCAPE ARCHITECT.

SITE NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE CONSTRUCTION LAYDOWN AREA PERIVETER FENCE, AND ASSOCIATED GATES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE REMOVAL OF THE CONSTRUCTION LAYDOWN AREA PERIMETER FENCE AND ASSOCIATED OWNERS AT THE COMPLETION OF THE POSICICT. THE CONTRACTOR SHALL REFERENCE THE DESIGN PLANS FOR DIMENSIONS, JCINT LOCATIONS, AND PLAY SPICIFICATIONS NEAR BUILDINGS AND IN COURTY-ARDS, CONTRACTOR SHALL PROVIDE JOINTS IN WAIKWAYS AND MADSCARE PRIOR DEFLUS ON A SIMPLICATION ON LANDSCARE AND READ THE AN INVESTIGATION OF A SIMPLICATION OF A SIMP

ALL CONSTRUCTION TRAFFIC SHALL ENTER SITE FROM POWELL DRIVE UNLESS OTHERWISE APPROVED IN WRITING FROM THE OWNER'S REPRESENTATIVE FOR AN ALTERNATE POINT OF ACCESS.

ALL DIMENSIONS ARE IN DECIMAL FEET TO OUTSIDE FACE OF BUILDINGS, TO CENTERLINES, AND/OR FACE OF CURB UNLESS OTHERVISE MOTEO.

ALL UTLITES WITH SURFACE ACCESS SHALL BE LOCATED WITHIN THE PAVING PATTERN AND SHALL BE COORDINATED WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. REFER TO LAYOUT DRAWINGS.

CONTRACTOR SHALL REFER TO AND COORDINATE WITH ARCHTECTURAL, STRUCTURAL, AND MEP DRAMINGS AT ALL TIMES PRIOR TO AND DURING CONSTRUCTION.

13. WHERE NEW SIDEWALK ADJOINS EXISTING WALK, PROVIDE EXPANSION JOINT BY DRILLING INTO THE FACE OF THE EXISTING WALK FOR PLACEMENT OF ODDIELS. THE NEW SIDEWALKS INTO NEAREST EXISTING PAVILIARY JORT: MATCH UPTH OF DISTING WALKWAY.

14. WHERE SIDEWALK OR WALKWAYS ARE ADJACENT TO PARKING SPACES THE WALKWAY SHALL BE A MINIMUM 6.8 WIDE AS NEASURED FROM THE FACE OF CURB.

MAXMUM RUNNING SLOPE FOR WALKING SURFACES CANNOT BE GREATER THAN 120 AND CROSS SLOPES CANNOT BE GREATER THAN 1-10. HAND/CAP SPACES SURFACE SLOPES SHALL NOT EXCEED 1-10 [N ALL DRECTIONS.

SIGHT TRIANGLES - NOTHING OVER 30" HIGH SHALL BE ALLOWED WITHIN THE SIGHT DISTANCE TRIANG 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 NC BUILDING CODE AND ANSI 10: WITH DETECTABLE WARNING DOMES WITH A COLOR CONTRAST OF 70% MININUM, SEE DETAILS AND

19. THE TESTING AGENCY SHALL BE RESPONSIBLE FOR PROVIDING THE ASPHALT AND CONTRACTOR CERTIFICATION MEMO TO NODOT FOR ALL ROADWAY IMPROVEMENTS WITHIN THE PUBLIC RIGHT-OF-WAY.

CONTRACTOR SHALL REPORT ANY GRADE DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINING CONSTRUCTION OPERATIONS,

THE BANDHING SIDE ALONG ANY HANDOLAP ACCESSIBLE DATIVINGY SHALL NOT EXCEED 5 OR AND SHALL NOT EXCEED A 2016 CROSS 5000. HANGLOW PARTY FRICATION OF 12 ANY SHALL BANDHING TTT SLOPES WITH A MODIANI RECOVER LERIVERY LARGENCE. NON-CLUB CUT RAVES SHALL HAVE HANDRING. AND CLUMPER PER DETAILS ANY ITH 5 LANDRIGS AT THE DITTO MAN FOR OTH OF OF RAVE.

3. ALL PROPOSED ELEVATIONS SHOWN ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE SPECIFIED.

THE CONTRACTOR SHULL BE RESPONDED. FOR SHOWING THAT ALL NEWLY CONSTRUCTED STORE DOUBLES THEORY OF ANY TAXABLE PROVIDED TO ALL TAXABLE PROTEINS TO ALL TAXABLE PROTEINS TO ALL TAXABLE PROTEINS A MULLA, DEBENDATION MEDIO ALL TAXABLE PROTEINS AND ALL

5. PROPIND REAL AND A DESCRIPTION OF A DULLANC DESTRUCTOR OF ALL DESCRIPTION OF A DULLANC DULLANC DESCRIPTION OF A DULLANC DULLANC DULLANC DESCRIPTION OF A DULLANC D

INTERIM GRADING SHALL BE PROVIDED THAT ENSURES THE PROTECTION OF STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT LINDFRIMMING, AND WASHINGT.

8. INTERIM GRADING SHALL BE PROVIDED TO DIRECT WATER AWAY FROM BUILDINGS AND PREVENT PONDING

10. MAXIMUM SLOPE ACROSS ANY HANDICAPPED PARKING SPACE AND ABLE SHALL NOT EXCEED 2% IN ANY DIRECTION.

11. PROPOSED CONTOURS ARE APPROXIMATE. SPOT ELEVATIONS AND ROADWAY PROFILES SHALL BE USED IN CASE OF DISOREPARCY.

13. SITE GRACING INMEDIATELY ADJACENT TO FOUNDATION OF BULDING SHALL SLOPE NOT LESS THAN 120 AWAY FOR INMAMINA DISTANCE OF 10 FEET. ALTERNATIVE METHOD SHALL SE PROMOED TO DIVERT WATER AWAY FROM FOUNDATION 10. SYMMES SLOPED AT A MINIMUM OF 2%, OR INFERIOUS SUBFACES SLOPED AWAY A MINIMUM OF 28 WAY THOR BULDING.

14. CONTRACTOR SHALL ADJUST RIM ELEVATIONS OF EXISTING MANHOLES, METERS, VALVES, ETC. AS REQUIRED TO MEET NEW FINISHED GRADES.

PAVING PATTERN NOTES:

CONTRACTOR SHALL SLOPE GRADES TO ASSURE POSITIVE STORMWATER FLOW TO KEEP WATER FROM POOLING ALONG CURPS AND WALLS.

16. TOP OF WALL ELEVATIONS INDICATE THE ELEVATION AT THE TOP OF THE CAP, UNLESS OTHERWISE NOTED. 17. BOTTOM OF WALL ELEVATIONS INDICATE THE ELEVATION OF THE FINISHED GRADE

END ALL UNT PAYING PATTERNS WITH A FULL OR HALF SIZE PAYER UNLESS OTHERWISE NOTED. USE OVERSIZE PAYERS WHERE PATTERN ENDS ON A UNIT SMALLER THAN HALF SIZE.

2. LAYOUT OF UNIT PAVING PATTERNS AND CONCRETE JOINTS AS INDICATED ON THIS PLAN. REFERENCE UNYOUT PLANS FOR FURTHER PAVING LAYOUT INFORMATION.

PROVIDE CONTINUOUS EXPANSION JOINT BETWEEN ALL VERTICAL SURFACES AND ADJOINTIN

ALLINTERNAL SIGNAGE SHALL BE COORDINATED WITH OWNER FOR ACTUAL LOCATION AT TIME OF INSTALLATION, SIGNAGE LEADING ONTO PUBLIC THOROUCHFARE SHALL BE INSTALLED AT RIGHT OF WAT PER DOL STAUMARTS.

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 61ATE DOT. SPIEITICATIONS. CONTRACTOR TO INSTALL CROSSWALKS IN SUCH A MANNER THAT CROSSWALKS ARE ALL INSEED BETWEEN HANDCARWALKWIX ACCESS POINTS OR PERFENDICULAR TO THE RADWINY TORING 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

3. PAVERS ABUTTING TRUNCATED DOWES SHALL BE A CONTRASTING COLO

7. ALL DIMENSIONS MEASURED TO CENTERLINE OF JOINTS.

11. FINAL LAYOUTS TO BE APPROVED BY LANDSCAPE ARCHITECT.

SIGNAGE, STRIPING AND MARKING NOTES:

4. ALIGN ALL TRUNCATED DOME PAVER JOINTS WITH ABUTTING PAVER JOINTS 5. PROVIDE CONTINUOUS EXPANSION JOINTS BETWEEN BACK OF CURB AND ADJOINING PAVEMENT

8. ALL WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE FROM DRAWINGS. 9. ALL ANGLES 90 DEGREES UNLESS OTHERWISE NOTED. 10. ALIGN ALL JOINTS, CORNERS AND EDGES AS SHOWN.

THE ROOF LEADERS WHERE POSSIBLE TO UNDERGROUND STORM SYSTEM. CONTRACTOR TO HELD VERIFY LOCATE AND INSTALL WHERE POSSIBLE OR AS SHOWN ON PLANS. WHERE ROOF LEADERS DAVLISHTAT GRADE A SPUSSH LICK APPROVED BY THE OWNER'S REPRESENTATIVE SHALLE INSTALLED.

6. REFER TO THE EROSION CONTROL DETAILS SHEET FOR THE SEQUENCE OF CONSTRUCTION

WITH DETECTABLE WARMING DOMES WITH A COLOR CONTRAST OF 70% MINIMUM, SEE DE LAILS AND GRADNA STOP ELEVATIONE, IF THE EXISTING CONTINUES PREVIDENT HE AURILY TO PROVIDE A MAXIMUM SLOPE U12 FOR DETECT OR A MAXIMUM CROSS SLOPE OF 148 AND A 37 MINIMUM LANDING, THE CONTRACTOR SHULL NOTIFY EMMINEER OR OWNER REPRESENTATIVE PRIOR TO INSTALLATION.

8. THE CONTRACTOR SHALL VERFY ALL DIMENSIONS AND COORDINATES AND REPORT ANY DIS THE OWNERS REPRESENTATIVE PRIOR TO ANY CONSTRUCTION.

7. ALL WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE FROM DRAWINGS.

12. ALL CURB TAPERS ARE SIX (6) FEET LONG UNLESS OTHERWISE SHOWN ON PLAN.

4. REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION.

9. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.

10. ALISN ALL JOINTS, CORNERS, AND EDGES AS SHOWN

GRADING AND STORM DRAINAGE NOTES:

- CITY OF RALEIGH STANDARD UTILITY NOTES:

- ALL INTERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF PALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION);
- UTLITY SEPARATION REQUIREMENTS: A DESTANCE OF 100° SINULIEE MAINTAINED BETWEEN SANTARY SEWER & ANY PRIVATE OR PUBLIC SUPPLY SOURCE SUCH AS AN INFOLVIOLED RESERVOR USED AS A SOURCE OF DRIVING WATER. II
- LATERAL SEPARATION CANOT REACHINGS IN SERVICIN USED AS A SOURCE OF DIMNING WATER, IF ADGULATE LATERAL SEPARATION CANOT REACHINGS, HERRUIS SANTARY SEWER PRESINAL RESPECTIVES IN INSTALLED TO WATERLINE SPECIFICATIONS, HOWEVER, THE MINIMUM SEPARATION SHALL, NOT BE LESS THAN 37 PROM. PRIVATE WILL ON SY FROM A FUEL WILL.

- WHEN INSTALLING WATCH AND SEEN AND AND THE WORKSTAL SEPARATION BETWEEN UTLITES BHALL BI IF THIS SERVATION CANNOT BE IMPORTANCE DUE TO EXISTING COMPTISMS. THE WARKTON ALLOWED IS TO WATCH MANK AS ASSAULT TERBELING THE BE EXISTED OF THE WATCH WATCH AND THE THE MANTER MANK ASSAULT TERBELING THE BE EXISTED OF THE WATCH WATCH AND THE THE PROMOVED THE THE THE AND THE ADAPTISM OF THE WATCH WATCH AND THE THE PROMOVED THE THE THE ADAPTISM OF THE ADAPTISM OF THE WATCH WATCH AND THE PROMOVED THE THE OWNED AND THE ADAPTISM OF THE WATCH WATCH AND THE PROMOVED THE THE OWNED AND THE ADAPTISM OF THE ADAPTISM OF THE WATCH AND THE ADAPTISM OF THE ADAPTISM OF THE PROMOVED THE THE OWNED AND THE ADAPTISM OF THE ADAPTISM OF THE WATCH AND THE ADAPTISM OF THE ADAPTISM OF THE ADAPTISM OF THE WATCH AND THE ADAPTISM OF THE WATCH AND THE ADAPTISM OF THE ADAPTISM OF THE WATCH AND THE ADAPTISM OF THE ADAPTISM OF THE WATCH AND THE ADAPTISM OF THE WATCH AND THE ADAPTISM OF THE ADAPTIS
- WHERE IT IS INFOSSIBLE TO OBTAIN PROPER SEPARATION, OR AN TIME A SANITARY SEWER PASSES OVER / WATERMAIN, DRIVATERILLS OR STEEL ENCASEMENT EXTENDED 10' ON EACH SDE OF CROSSING MUST BE SPECIFIED & INSTALLE TO YATERILINE SECTIONATION.
- D. 5.2 MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANTARY SEWER & STORM SEWER INCLUMES OF MATERIAL IS SPECIFIED FOR SANTARY SEWER.
- E. MARTAN 12 MM, VERTEAL SEPARATION AT ALL WATERWARK A ROSSING MEAN GROUP NOT MARTAN 12 MM, VERTEAL SEPARATION AT ALL SAVATARY SEWIRE & LOS STORM DEMI COORSINGS, WHERE ADDITATE SEPARATIONS CANADO TE ACHEVED, SPECIFY DE MATERIALS & A CONDECTE CRADLE HWYING 0 MM. CLEMANCE (PER CORPUE DEVILS W-11 & 4-0).
- F. ALL OTHER UNDERGROUND UT UTIES SHALL CROSS WATER & SEWER FACILITIES WITH 10" MIN. VERTICAL SEPARATION REQUIRED.
- 3. ANY NECESSARY RELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN S/OR PROFILE BY THE CITY OF PALESH PUBLIC UTLINES DEPARTMENT PRIOR TO CONSTRUCTION.
- DEVELOPER SHALL PROVIDE 30 DAYS ADVANCE WITTEN NOTICE TO OWNER FOR ANY WORK REQUIRED WITHIN AN EXISTING CITY OF RALEICH UTLITY EASEMENT TRAVERSING PRIVATE PROPERTY.
- CONTRACTOR SIMUL MINITAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES & BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT, ANY NECESSAWY SERVICE INTERRUPTIONS SMALL BE PRECEDED BY A 24 HOUR ADVANCE NOTICE TO THE CITY OF RELIGIP HUBILS UTILITIES DEPARTMENT.
- 3.2 MINIMUM COVIER IS RECURRED ON ALL WATER MAINS & SERVICE FORCE MAINS, 4.2 MINIBUM COVIER IS RECURRED ON ALL REUSE MAINS.
- IT IS THE DEVELOPER'S RESPONSIBILITY TO JAMADON OR REVIVE SUBTING WHITE A SEVER SERVICES DAY DEVING LICE N. REDUCTIONNEY OF A SHE LAKES OTHERINGE INCIDENTE BY THE REPORT OF THAT AN INFORMATION OF SEVERAL PRODUCTION OF SEVERAL PRODUCTIONS OF SEVERAL PRODUCTION OF SEVERAL PRODUCTIONS OF SEVERAL PRODUCTIONS
- INSTALLY COPPER WATER SERVICES WITH METERS LOCATED AT HOW OR WITHIN A 250° WATERLINE BASEMENT INVECTOR ADJACENT, NOTE, IT IS THE APPLICANT'S RESPONSIBLENT TO PROPEND SIZE THE WATER SERVICE FOR EACH CONSECTION TO PROVIDE ADEQUART FOR A PROSPERSE.
- INSTALL 4' PVC' SEVER SERVICES @ 12% MINIMUM GRACE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED SYDRY 75 LINEAR FEET MAXIMUM.
- 10. PRESSURE REDUCING VALVES ARE REQUIRED ON ALL WATER SERVICES EXCEEDING 80 PS; BACKWATER VALVES ARE REQUIRED ON ALL SWITARY SEWER SERVICES HAVING BUILDING DRAINS LOVER THAN 1.07 ABOVE THE NEXT UPS TREAM NAMED.2.
- 11. ALL ENVIRONMENTAL PERMITS APPLICASUE TO THE PROJECT MUST BE OBTAINED FROM NODWO, USACE A/OR FEMA FOR ANY IPPARIAN BUFFER, WETLAND MOR FLOODPLAIN (MPACTS (RESPECTIVELY) PRIOR TO CONSTITUTION
- 12. NODOT / RAUROAD ENCROAC-WENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAUROAD ROW PRIOR TO CONSTRUCTION.
- GREASE INTERCEPTOR / OL. WATER SEPARATOR SEINS CALCULATIONS & INSTALLATION SPECIFICATIONS SHALL BE APPROVED BY THE RW FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A UC / BLOS PERMIT, CONTACT (919) 969-969-961 OR FOGGRAN LEIGHING, GOV TO MORE INFORMATION.
- (c) International Conference on the Conferenc
- NOTICE FOR PROJECTS WITH REPLACED OR OVERSIDED MAINS: IF THE CITY'S REIMBURSEMENT FOR AN OVERSIZED MAIN OR URBAN MAIN REPLACEMENT PROJECT IS \$280,000 OR GREATER. THE PROJECT MUST BE PUBLICLY BID.

SEWER NOTES:

- SANTARY SEWER CLEANOUTS LOCATED IN PAVEMENT AREAS SHALL BE HEAVY DUTY TRAFFIC BEARING CASTINGS.
- UNLESS OTHERWISE NOTED, ALL SANITARY SEWER WANHOLES ARE 4" DIA.
- MANHOUSES LOCATEEN IN NAVEMENT, CONCERT OR OTHER TRAFFIC AREAS SHALL IN SET AT GRADE, MANHOUSE LOCATEEN IN OTHER AREAS LE, GRADE ON VODED AREAS SHALL HAVE THER MARE AREAS SER INCHES AREAVET THE SURRELINEED LOS.
- MINNUM REQUIRED SLOPES FOR SEWER SERVICES: 4' SEWER SERVICE 2.00% SLOPE 6' SEWER SERVICE 1.00% SLOPE 8' SEWER SERVICE 0.50% SLOPE
- S. UNLESS OTHERMISE NOTED, LOCATE SANJTARY SERVICE CLEANOUTS AT ALL HORIZONTAL OR VERTICAL CHANGES IN DIRECTION MAXIMUM SPACING BETWEEN CLEANOUTS SHALL BE 75 FEET. SEWER LINES LESS THAN 3 FEET OF COVER SHALL BE CLASS 50 DUCTLE FRON PIPE. SEWER LINES WITH ORBATER THAN 3 FEET OF COVER SHALL BE AS NOTED BELOW:
- 4" SEWER SERVICE SCH 80 6" SEWER SERVICE SCH 80 8" SEWER SERVICE SCH 80 8" SEWER SERVICE SDR 35
- 6. ALL MANHOLES COVERS SHALL BE PAINTED TO LOCAL JURISDICTIONAL REQUIREMENTS

WATER NOTES:

- AS INDICATED, ALL WATERLINES SHALL BE DUCTLE IRON PIPE MEETING THE REQUIREMENTS ANSI AWAWA CITST PRESSURE CLASS 350 OR SOFT COPPER TYPE K PIPE PER ASTIN BBS. IF POU WATERLINE'S INDICATED ON THE PLANS IT SHALL MEET THE REQUIREMENTS OF AWAWA CADO
- ALL WATERLINES SHALL HAVE A MINIMUM OF 3.5 FEET OF COVER.
- TESTING NOTES: <u>PRESSURE</u> LEAKAGE SHALL NOT EXCEED THE MAXIMUM ALLOWABLE LEAKAGE SHECHED IN AWAYA C 800. MIMMUM TEST PRESSURE SHALL BE 120 PSI FOR DOMESTIC AND 200 PSI FOR FIRE PROTECTION. WINNUM TEST PRESSURE BAAL DE 10 DE TOR DE LOR DE LE DAO 20 PET OR DE PRESENTE AND 20 PET OR DE LE DATE LE DATE
- 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 JURSDICTIONAL RECURRENENTS.

Thank you for the quick turn-around. The integrated solid waste management plan is approved for this development. Services will be provided by the City of Raleigh. Happy Weekend to you all. With Gratitude. Marion Marion O. Staley Code Compliance Superviso City of Raleigh - Solid Waste Services Code Compliance Program Code Compliance Pre 630 Beacon Lake Drive Raleigh, NC 27610 919-996-6940 - Office 919-219-5437 - Cell 919-212-4290 - Fax From: Brianne Walker <brianne.walker@swift-partners.com> Sent: Friday, April 12, 2024 11:12 AM Sent: Friday, April 12, 2024 11:12 AM To: Staley, Marino «Marion:Staley@Fraileighnc.gov»; SWS Code Compliance DL <SWSCodeCompliance@Fraileighnc.gov Cc: Luke Perkins <luke, perkins@swift-partners.como; Leah-Craig Perkins <leah-craig.perkins@swift-part Subject: RE: Chapman Cottages SUB-0007-2024 - Solid Waste Services (SWS Response 4/11/2024) Hi Marion -Thank you for hopping on a call with us this morning! Please see attached revised SWS exhibit. As I was making revisions, I realized because the front tock have garages at the new of the property. Units 1.8 a let il smillarly have forger routes to the collection point. Since we discussed soring the back units of 0 Read. B I have shown the point of collection for the floret units along Road B as well. Please kit me know if this is acceptable or if you'd like me to make any futher tranges. Thanks again! Brianne Walker, PE Project Engineer | 336.302.7750 www.swift-partners.com

Staley, Marion <Marion.Staley@raleighnc.gov> Friday, April 12, 2024 11:18 AM Brianne Walker, SWS Code Compliance DL

anne wanker, SWS Coble Comparatice DC re Perkins; Leah-Craig Perkins; Walters, Michael Chapman Cottages SUB-0007-2024 - Solid Waste Services (SWS Approval 2/2024)

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Brianne Walke

Hello Brianne & Leah,

From: Sent: To:

Cc: Subject



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POWELL GROVE CT

NOTES

GENERAL 1 DATE: 05.17.2024 CHECKED BY:LAP DRAWN BY:BMM PROJECT: CHAPMAN C PROJECT #: C202348

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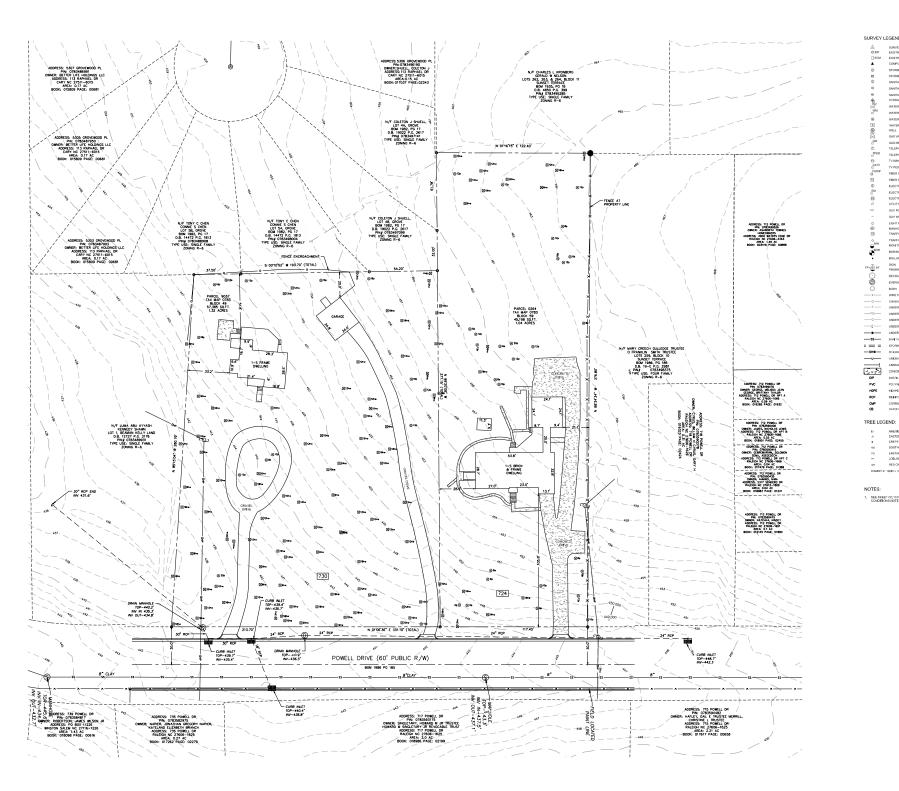
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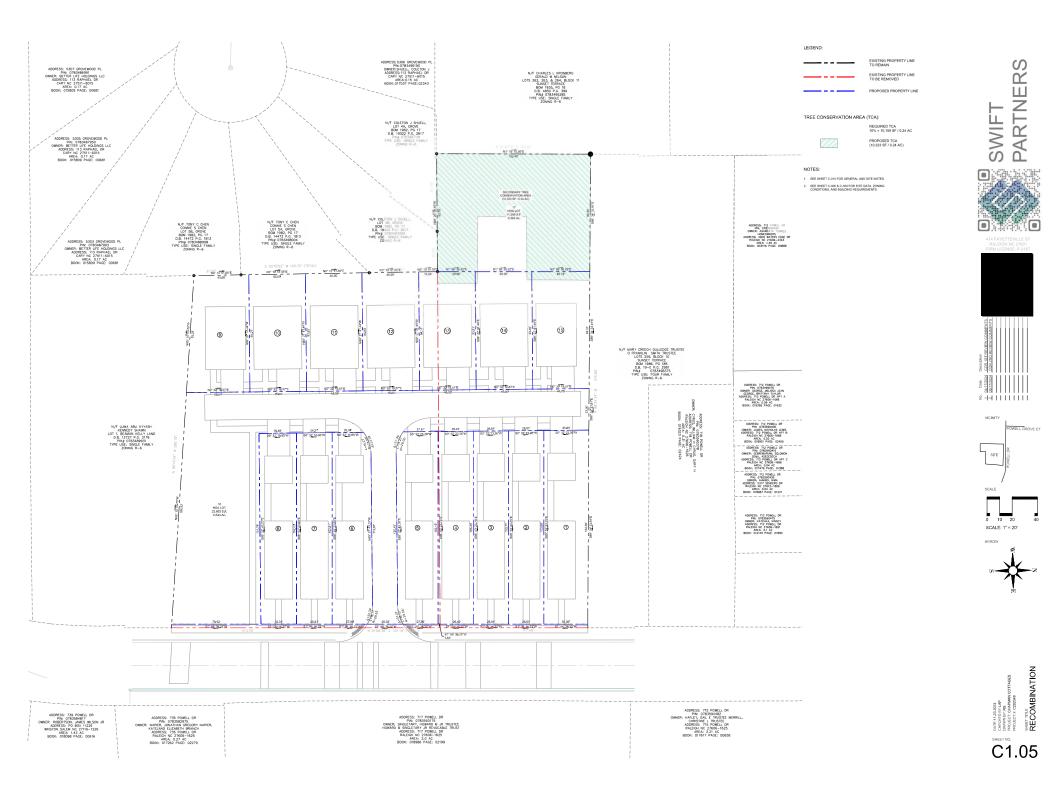
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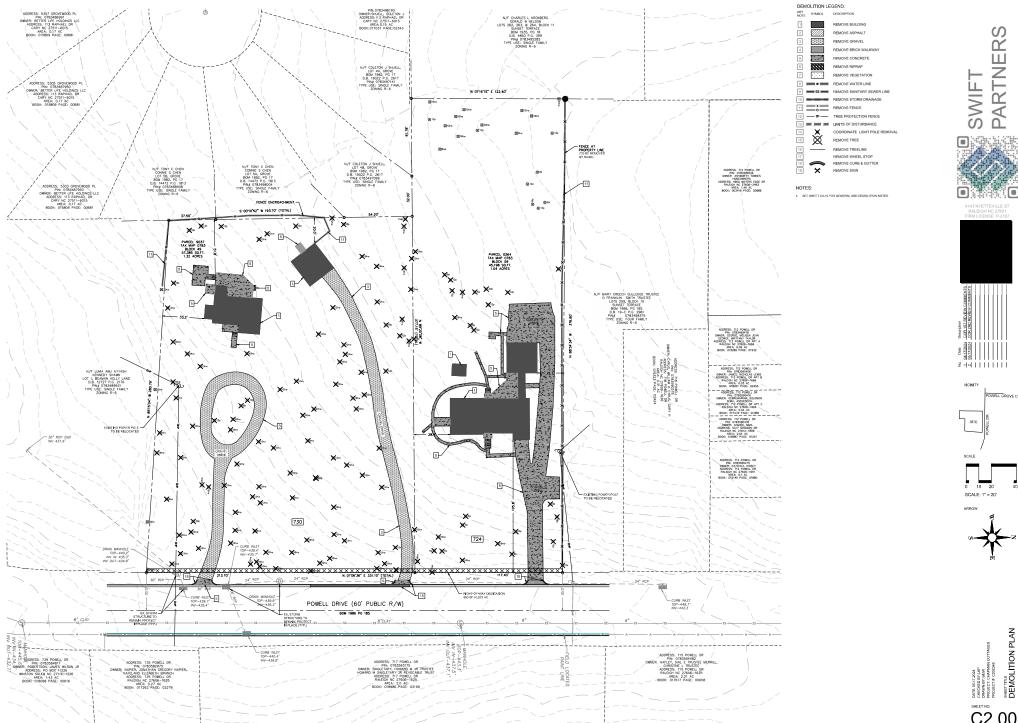
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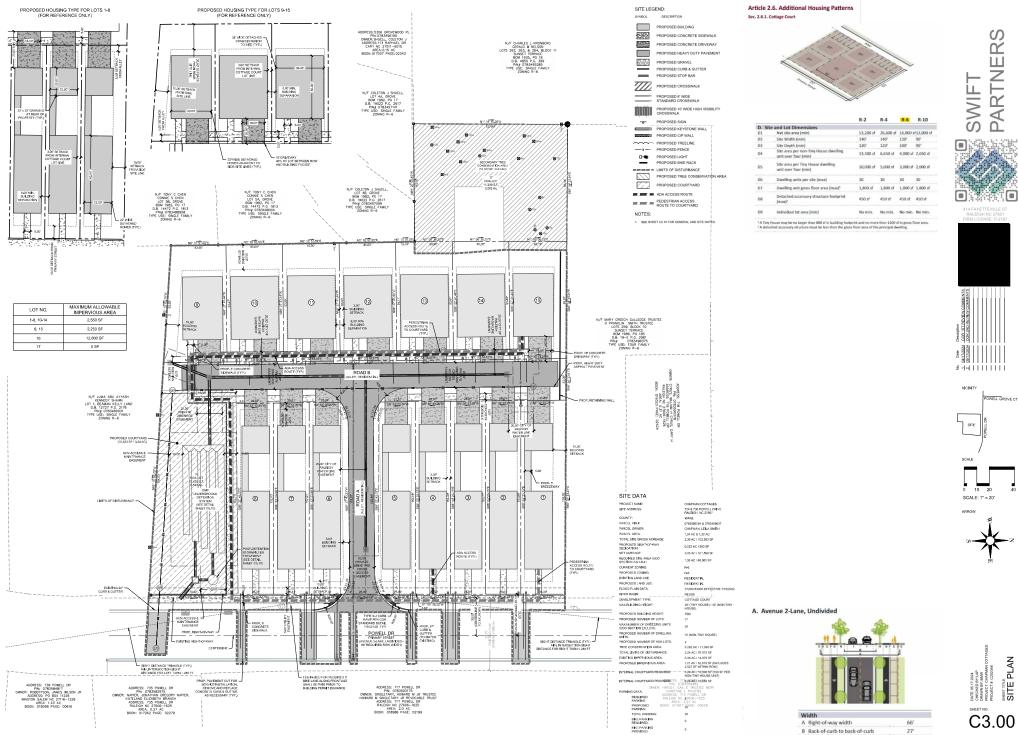
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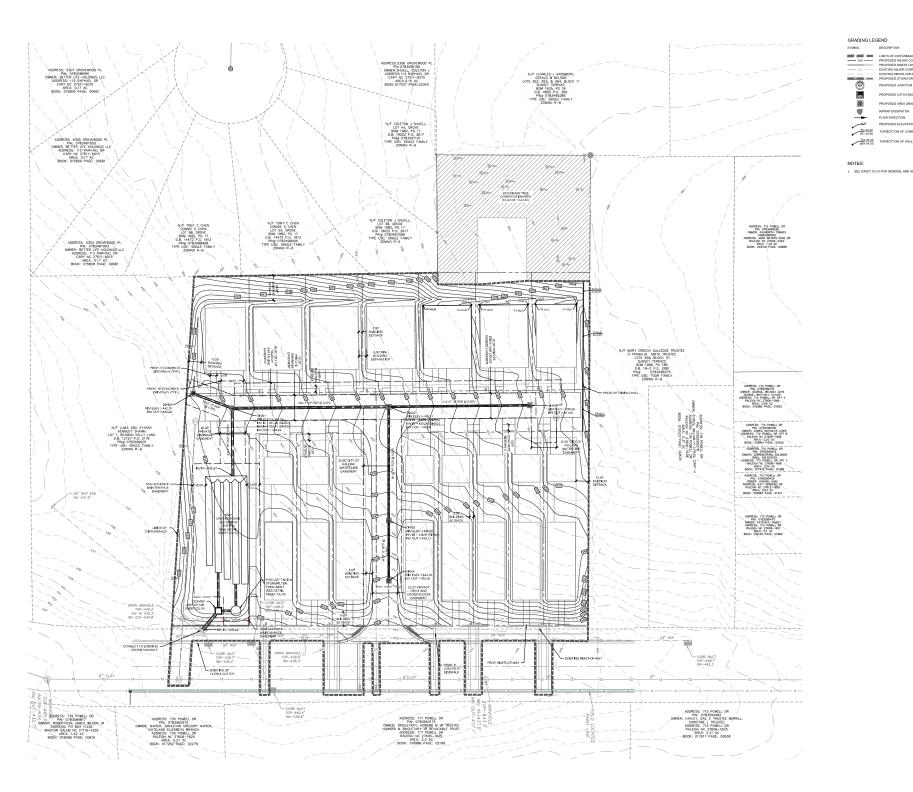




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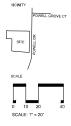




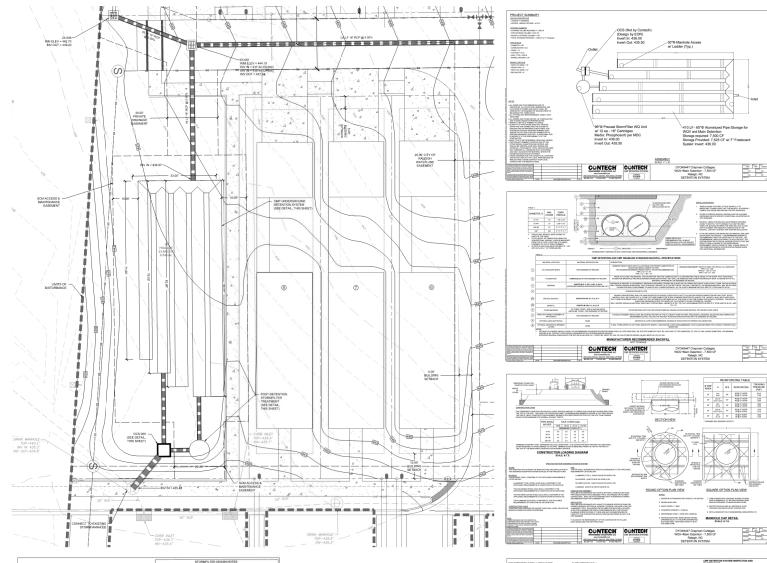


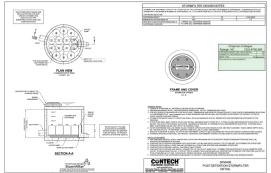


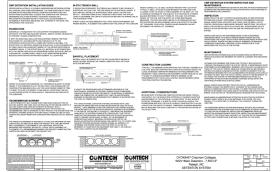


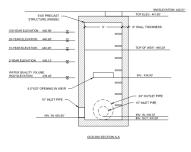


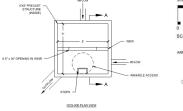


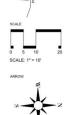








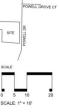




SCM DETAILS

DATE: 05.17.2024 CHECKED BY1.4P DRAWN BY: BMM PROJECT: CHAPMAN C PROJECT M: C202348

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AS-BULT DRAWINGS OF WATER QUALITY BASIN AND OUTLET STRUCTURE SHALL BE SUBMITTED TO ENGINEER FOR APPROVA PER NCDEO MANUAL, INTERIOR SLOPES MAY BE NO STEEL

CONCRETE PIPE FROM DCS-001 TO FES-001 SHALL HAVE ORING SEALS WITH EXTERNAL BUTYL JOINT WRAP AT ALL JOINTS. 30" BARREL CONNECTION TO BE INSTALLED USING Z-LOK STM CONNECTOR MEETING ASTM C-1478 (A-LOK PRODUCTS, TULLY

PRECAST STRUCTURES SHALL CONFORM TO LATEST ASTMC-013 SPEC FOR "REINFORCED CONCRETE WATER AND WASTE WATER STRUCTURES"

GRADING LEGEND: SYMBOL

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GENERAL NOTES:

DESCRIPTION

200 PROPOSED MAJOR CONTOUR 200 PROPOSED MAJOR CONTOUR 200 EXISTING MAJOR CONTOUR 201 EXISTING MAJOR CONTOUR EXISTING MAJOR CONTOUR PROPOSED STORM DRAINAG

TC 44.50 TOP/BOTTOM OF CURB

TW 46.00 TOP/BOTTOM OF WALL

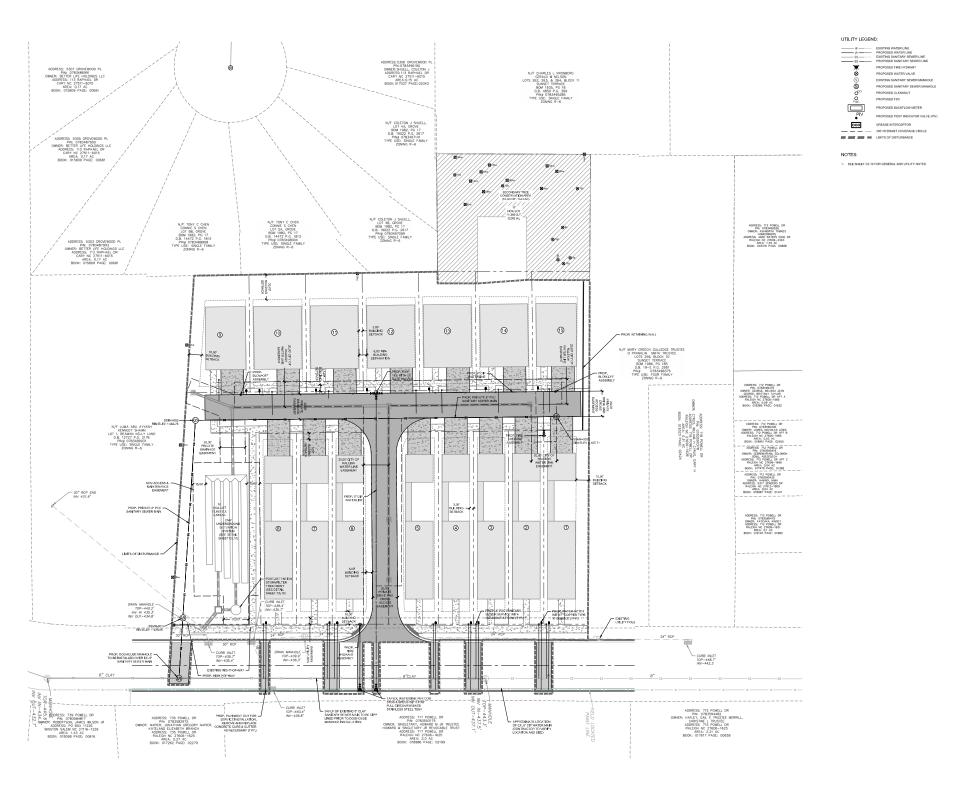
PROPOSED JUNCTION BOX

PROPOSED CATCH BASI

PROPOSED AREA DRAIN

RIPRAP DISSIPATOR FLOW DIRECTION

PROPOSED ELEVATION



SWIFT
PARTNERS

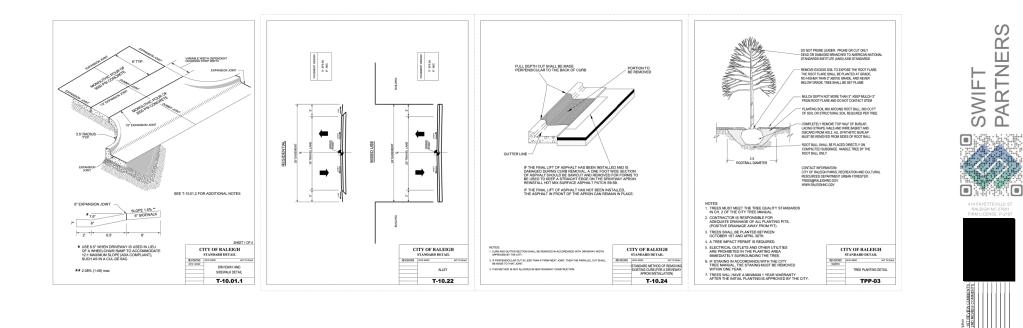
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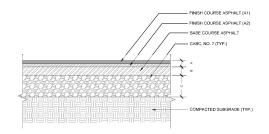


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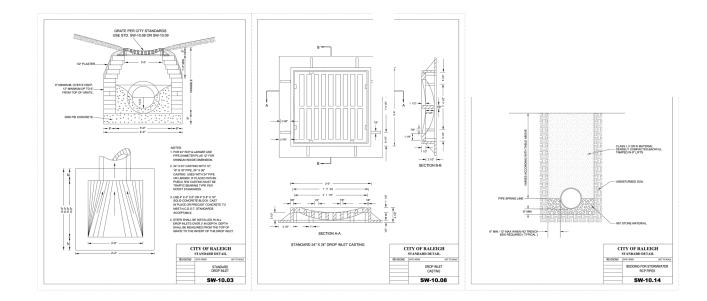
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POWELL GROVE CT



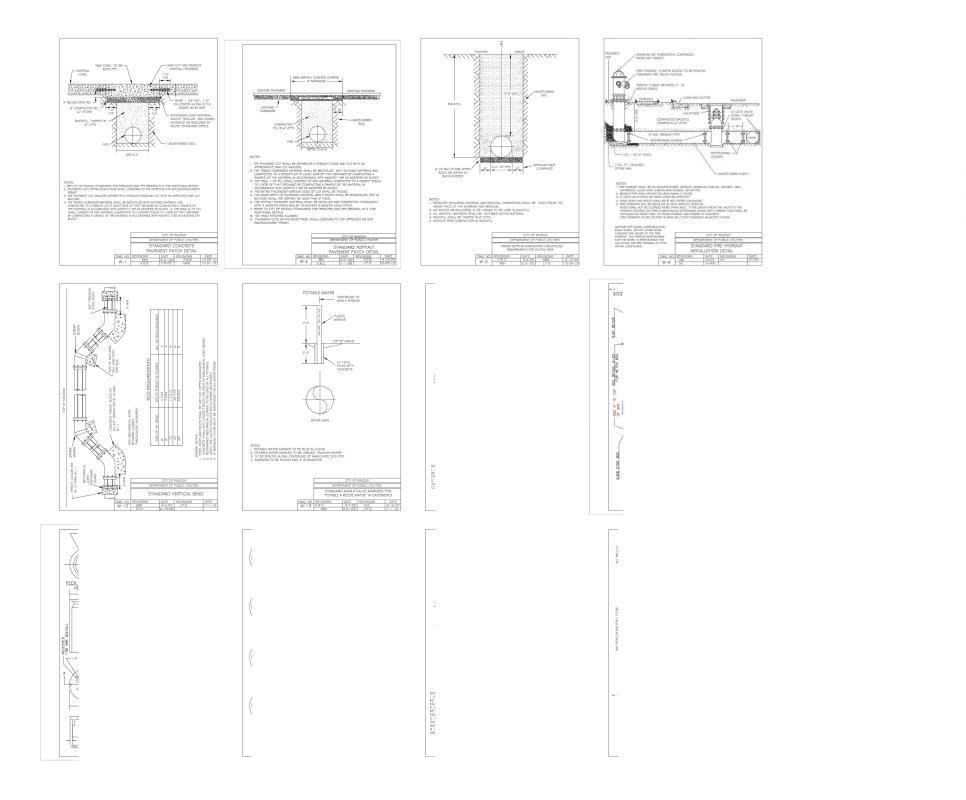




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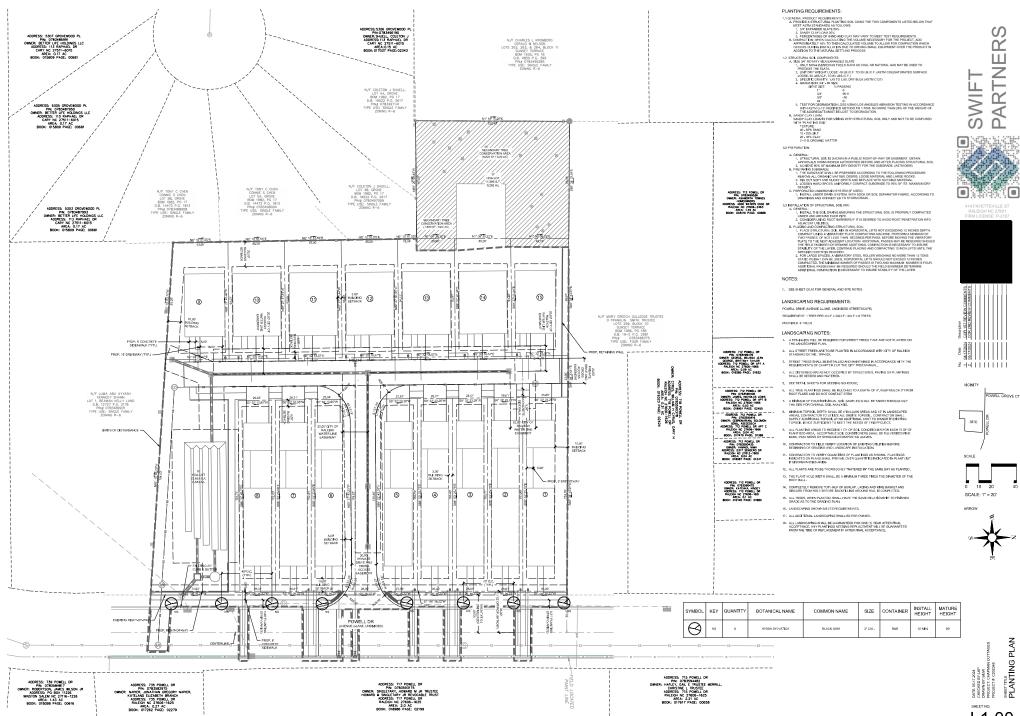
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SITE

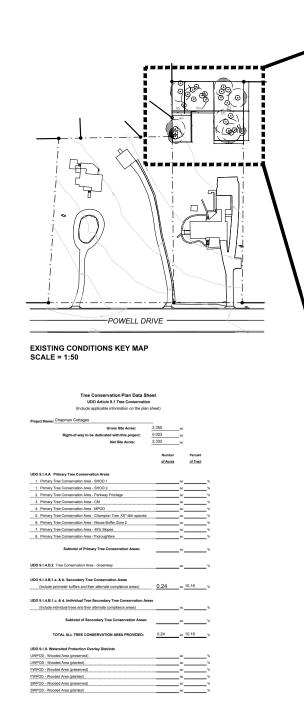
VICINITY

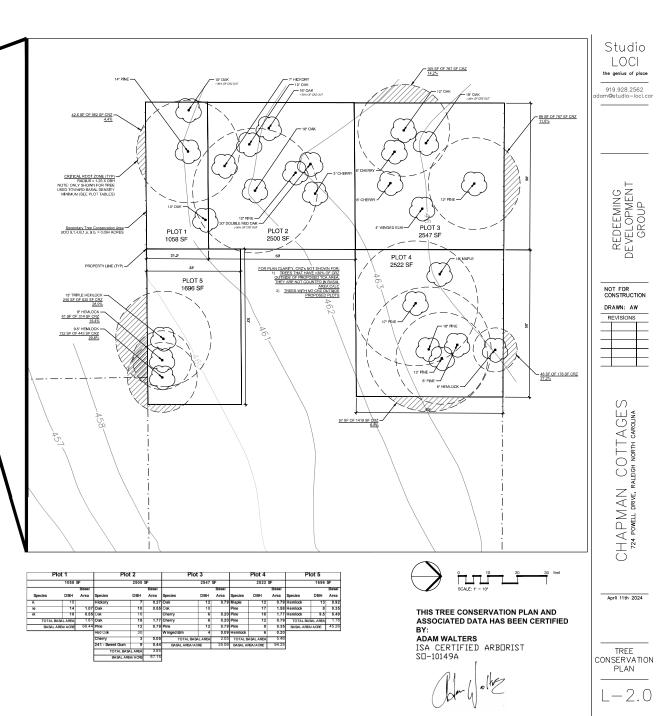
SCALE

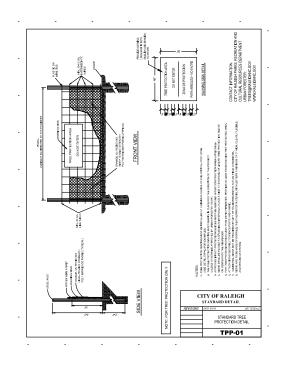
MELLITY DETAILS

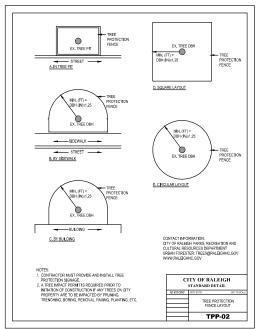


L1.00











PLOT 1



PLOT 2



PLOT 3



PLOT 4



THIS TREE IS OUTSIDE PLOT

Studio LOCI the genius of place 919.928.2562 dam@studio-loci.con

REDEEMING DEVELOPMENT GROUP

NOT FOR CONSTRUCTION DRAWN: AW REVISIONS

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April 11th 2024

TREE

CONSERVATION

PLAN

L-2.1