# CONSTRUCTION DOCUMENTS APRIL 2022

# NOTICE REQUIRED

ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF SAID UTILITIES.

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION.

CONTRACTORS SHALL CONTACT OVERHEAD ELECTRIC PROVIDER TO COMPLY WITH FEDERAL OSHA 1910.333 MINIMUM APPROACH DISTANCE TO ENERGIZED POWERLINES AND OSH 29 CFR 1926.1407-1411 MUST BE FOLLOWED.

# CONTACT THESE UTILITIES

CITY OF WILMINGTON PLANNING & DEVELOPMENT ATTN: BRIAN CHAMBERS, PLANNER PH: 910-342-2782

ATTN: ZONING INSPECTIONS PH: 910-254-0900

PIEDMONT NATURAL GAS ATTN: CATHY PLEASANT PH: 910-251-2827

EMERGENCY DIAL 911 POLICE - FIRE - RESCUE



Know what's below. **Call** before you dig. CAPE FEAR PUBLIC UTILITY AUTHORITY (WATER & SEWER) ENGINEERING/INSPECTIONS PH: 910-332-6560

OPERATIONS/MAINTENANCE PH: 910-322-6550

DEP CSC PH: 1-800-452-2777

DUKE ENERGY DISTRIBUTION CONSTRUCTION SERVICE PH: 910-256-7223

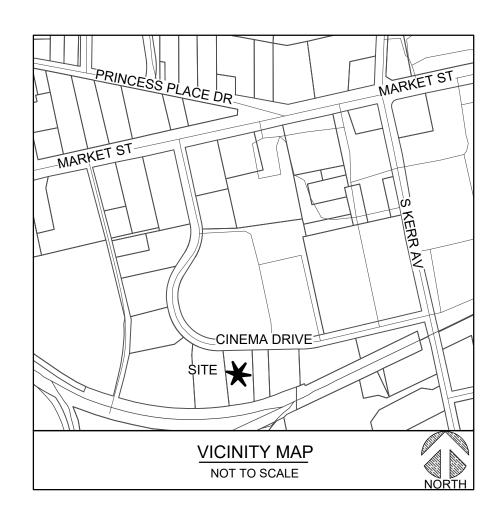
AT&T/BELL SOUTH ATTN: JAMES BATSON, ENGINEERING PH: 910-341-1621

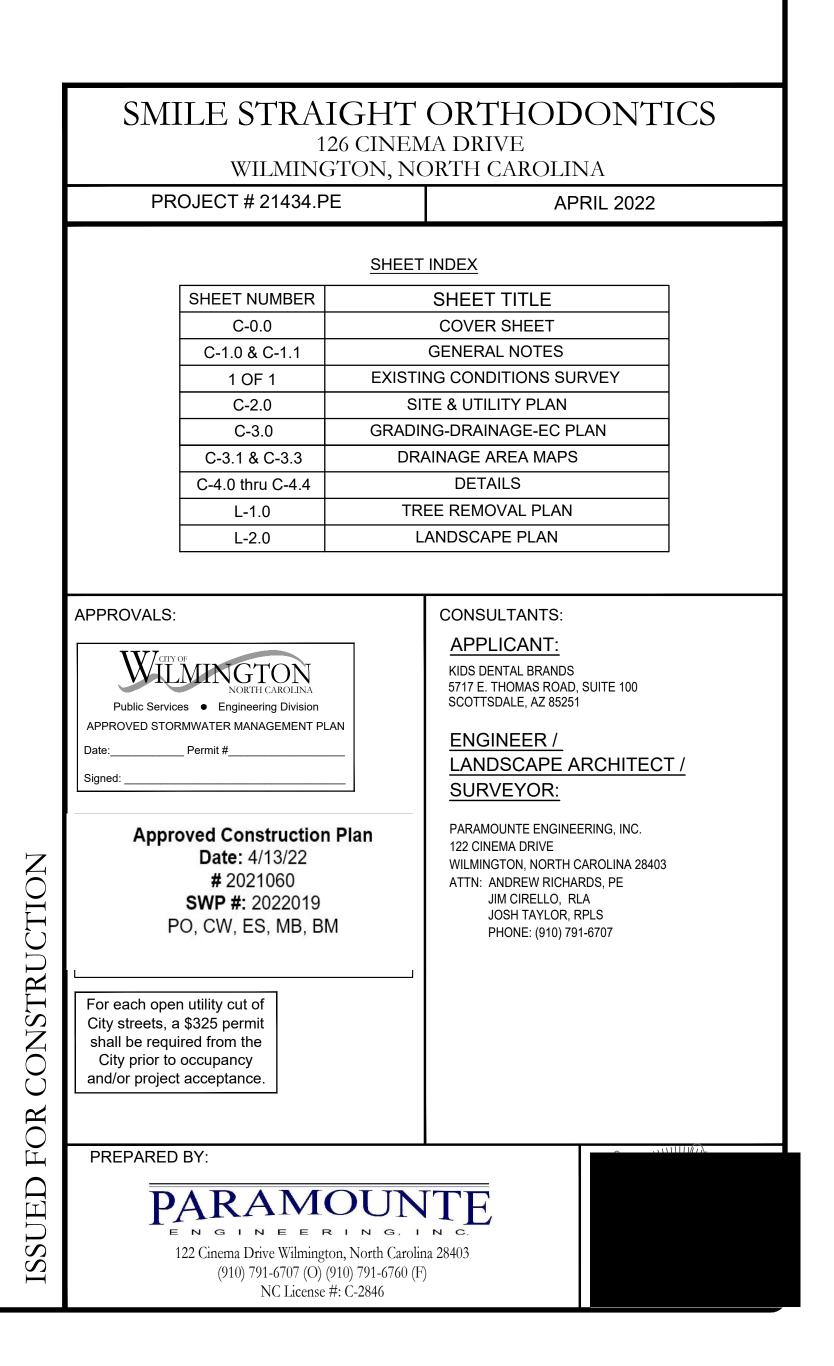
TIME WARNER CABLE PH: 910-763-4638

# SMILE STRAIGHT ORTHODONTICS 126 CINEMA DRIVE WILMINGTON, NORTH CAROLINA

# FOR

KIDS DENTAL BRANDS 5717 E. THOMAS ROAD, SUITE 100 SCOTTSDALE, AZ 85251





COORDINATION NOTES:

- 1. THE CONTRACTOR IS REQUIRED TO OBTAIN ANY/ALL PERMITS REQUIRED FOR CONSTRUCTION OF THESE PLANS.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND WITH THE CITY OF WILMINGTON, NEW HANOVER COUNTY, CAPE 2. FEAR PUBLIC UTILITY AUTHORITY (CFPUA), AND THE STATE OF NORTH CAROLINA
- THE CONTRACTOR IS TO ESTABLISH AND CHECK ALL HORIZONTAL AND VERTICAL CONTROLS TO BE USED WITH THE PROJECT. IN ADDITION, THE CONTRACTOR IS TO COMPUTE THE LAYOUT OF THE ENTIRE SITE PLAN IN ADVANCE OF BEGINNING ANY WORK ASSOCIATED WITH THE SUBJECT PLANS. CONTRACTOR SHALL EMPLOY A PROFESSIONAL SURVEYOR TO PERFORM SITE IMPROVEMENT STAKEOUT(S).

- 4. ANYTIME WORK IS PERFORMED OFF-SITE OR WITHIN AN EXISTING EASEMENT, THE CONTRACTOR IS TO NOTIFY THE HOLDER OF SAID EASEMENT AS TO THE NATURE OF PROPOSED WORK, AND TO FOLLOW ANY GUIDELINES OR STANDARDS WHICH ARE ASSOCIATED WITH OR REFERENCED IN THE RECORDED EASEMENT.
- 5. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS AND DETAILS.

# GENERAL NOTES:

- TREE INVENTORY AND TOPOGRAPHIC SURVEY COMPLETED BY SURVEY MATTERS LLC. THE SURVEY SHALL BE FIELD VERIFIED BY CONTRACTOR AND ANY DISCREPANCIES REPORTED TO THE OWNER, OWNERS REPRESENTATIVE AND/OR PARAMOUNTE ENGINEERING INC. IMMEDIATELY. CONTRACTOR SHALL VERIFY THAT THE AS-BUILT CONDITIONS MATCH THE DESIGN CONDITIONS PROVIDED FOR ALL UTILITY CONNECTIONS, STORM CONNECTIONS, GRADING TIE-INS, ETC. AND NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES.
- REASONABLE CARE HAS BEEN EXERCISED IN SHOWING THE LOCATION OF EXISTING UTILITIES ON THE PLANS. THE EXACT LOCATION OF ALL EXISTING UTILITIES IS NOT KNOWN IN ALL CASES. THE CONTRACTOR SHALL EXPLORE THE AREA AHEAD OF DITCHING OPERATIONS BY OBSERVATIONS. ELECTRONIC DEVICES. HAND DIGGING AND BY PERSONAL CONTACT WITH THE UTILITY COMPANIES. IN ORDER TO LOCATE EXISTING UTILITIES IN ADVANCE OF TRENCHING OPERATIONS SO AS TO ELIMINATE OR MINIMIZE DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RESULTING FROM ANY DAMAGE TO THE EXISTING UTILITY LINES INCLUDING LOSS OF UTILITY REVENUES. CONTRACTOR SHALL ARRANGE FOR TEMPORARY SUPPORT OF EXISTING UTILITIES, SUCH AS POLES, CONDUITS, FIBER OPTIC CABLES, TELEPHONE CABLES, WATER LINES, ETC.
- 3. CONTRACTOR SHALL COMPLY WITH THE LATEST REVISIONS AND INTERPRETATIONS OF THE DEPARTMENT OF LABOR SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION PROMULGATED UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT.
- 4. CONTRACTOR SHALL PLAN AND CONSTRUCT WORK SO AS TO CAUSE MINIMUM INCONVENIENCE TO THE OWNER AND THE PUBLIC. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN AT ALL TIMES DURING THE PROGRESS OR TEMPORARY SUSPENSION OF WORK, SUITABLE BARRIERS, FENCES, SIGNS OR OTHER ADEQUATE PROTECTION, INCLUDING FLAGMEN AND WATCHMEN AS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC AS WELL AS THOSE ENGAGED IN THE CONSTRUCTION WORK. CONSTRUCTION SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "CONSTRUCTION AND MAINTENANCE OPERATIONS SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" BY THE DOT.
- ALL MATERIAL CLEARED OR DEMOLISHED BY THE CONTRACTOR IN ORDER TO CONSTRUCT THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF-SITE.
- ALL WORK BY THE CONTRACTOR SHALL BE WARRANTEED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR AFTER THE OWNER ACCEPTS THE WORK.
- 3. CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL CENTER AT 1 (800) 632-4949 AN ALLOW THE CENTER TO LOCATE EXISTING UTILITIES BEFORE DIGGING

# DEMOLITION NOTES:

REGULATIONS.

TRAFFIC NOTES:

5.

STANDARDS

- CONTRACTOR TO COORDINATE WITH THE OWNER TO PROPERLY MAINTAIN OR RELOCATE EXISTING SERVICE CONNECTIONS WHEN NECESSARY.
- 2. CONTRACTOR IS TO WALK THE SITE AND BECOME FAMILIAR WITH THE SCOPE OF DEMOLITION REQUIRED. ALL DEMOLITION WORK REQUIRED TO CONSTRUCT NEW SITE IMPROVEMENTS WILL BE PERFORMED BY THE CONTRACTOR AND WILL BE CONSIDERED UNCLASSIFIED EXCAVATION.
- DEMOLITION SHALL INCLUDE BUT IS NOT LIMITED TO THE EXCAVATION, HAULING AND OFFSITE DISPOSAL OF CONCRETE PADS, CONCRETE DITCHES, FOUNDATIONS, SLABS, STEPS, AND STRUCTURES; ABANDONED UTILITIES, BUILDINGS, PAVEMENTS AND ALL MATERIALS CLEARED AND STRIPPED TO THE EXTENT NECESSARY AS DIRECTED BY THE SOILS ENGINEER FOR THE INSTALLATION OF THE NEW IMPROVEMENTS AND WITHIN THE LIMITS OF CLEARING AND GRADING AND AS SHOWN ON THESE PLANS.
- 4. THE CONTRACTOR SHALL PROTECT ALL ADJACENT PROPERTY, STRUCTURES AND UTILITIES ON THE PROPERTY NOT TO BE DEMOLISHED. DAMAGE TO PROPERTIES OF OTHERS DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT NO COST TO OWNER.
- 5. ELECTRIC, TELEPHONE, SANITARY SEWER, WATER AND STORM SEWER UTILITIES THAT SERVICE OFF-SITE PROPERTIES SHALL BE MAINTAINED DURING THE CONSTRUCTION PROCESS BY THE CONTRACTOR.
- 6. THE CONTRACTOR SHALL PRODUCE A PHOTOGRAPHIC RECORD (DIGITAL) OF DEVELOPMENT COMMENCING WITH A RECORD OF THE SITE AS IT APPEARS BEFORE DEMOLITION HAS BEGUN. AFTERWARDS, A PHOTOGRAPHIC RECORD SHALL BE MAINTAINED WEEKLY DURING CONSTRUCTION AND ENDING WITH A PHOTOGRAPHIC RECORD OF THE DEVELOPMENT AS IT APPEARS AFTER DEMOLITION. THIS RECORD SHALL BE DELIVERED TO THE OWNER.
- 7. EXISTING CURB AND GUTTER, LIGHTS, SIDEWALK, AND UTILITIES NOT INTENDED FOR DEMOLITION SHALL BE MAINTAINED, PROTECTED AND UNDISTURBED DURING DEMOLITION.
- PROPER DISPOSAL.
- CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES INCLUDING CABLE, GAS,

11. ALL DEMOLITION WORK SHALL BE DONE IN STRICT ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS OSHA

13. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST

ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY & FOR DRIVEWAY(S) ARE TO BE THERMOPLASTIC & MEET CITY AND/OR NCDOT

TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD

ALL TRAFFIC CONTROL SIGNS AND MARKINGS NOT WITHIN THE PUBLIC RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER

ANY OPEN CUTTING OF A CITY STREET REQUIRES A UTILITY CUT PERMIT. CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES, AN

CONTACT TRAFFIC ENGINEERING, AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE

9. A LANDSCAPING PLAN, INDICATING THE LOCATION OF REQUIRED STREET- YARD PLANTINGS SHALL BE PROVIDED FOR REVIEW OF SIGHT

NOTE: THESE EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES ARE INTENDED FOR EACH "PHASE" OF CONSTRUCTION. THE

2. CLEAR AND REMOVE FROM SITE ALL TREES (ONLY ONES TO BE REMOVED), ROOTS, ROOT MAT, ETC. FROM THE AREA WITHIN THE

PROJECT LIMITS THAT MAY INADVERTENTLY BE DAMAGED DUE TO THE FAILURE OF THE EROSION CONTROL MEASURES.

8. UPON RECEIVING FINAL APPROVAL, THE CONTRACTOR CAN REMOVE TEMPORARY EROSION CONTROL MEASURES.

7. DURING GRADING AND AFTER GRADING HAS BEEN COMPLETED, THE CONTRACTOR SHALL CONTINUE TO MAINTAIN PERMANENT AND

9. THE CONTRACTOR SHALL CONTINUE TO WATER, FERTILIZE, MOW AND MAINTAIN SPRIGGED, SODDED, AND PLANTED AREAS UNTIL ALL

1. THE EROSION CONTROL PLAN SHALL INCLUDE PROVISIONS FOR GROUNDCOVER ON ALL EXPOSED PERIMETER DIKES, SWALES, DITCHES,

3. THE CONTRACTOR SHALL NOTIFY PLAN APPROVING AUTHORITY ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK

PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED

SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND TO NEW HANOVER COUNTY FOR APPROVAL. CONTRACTOR SHALL PAY ALL FEES REQUIRED AND SHALL INSTALL NECESSARY MEASURES AT NO SEPARATE PAYMENT. THE CONTRACTOR SHALL

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY EITHER THE REVIEWING AGENCY OR THE ENGINEER. (NO SEPARATE PAYMENT).

8. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES

9. ALL AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE IMPROVED SHALL BE SODDED OR SEEDED AS INDICATED AND STABILIZED.

10. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE PRIOR TO DISCHARGE TO RECEIVING

5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

TO OFF-SITE BORROW OR WASTE AREAS STAGING OR STORAGE AREAS). THE CONTRACTOR SHALL PREPARE AND SUBMIT A

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA

PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO FINAL INSPECTION.

4. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO CLEARING AND/OR LAND DISTURBANCE.

PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1 WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY. GROUND COVER SHALL BE PROVIDED ON ALL OTHER DISTURBED AREAS WITHIN 14 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.

3. INSTALL REMAINING EROSION CONTROL MEASURES AS SHOWN ON THE PLANS WITHIN THE AREA DISTURBED. ALL EROSION CONTROL

ORDER AND STEPS TAKEN MUST BE IMPLEMENTED AS EACH PART OF THE PROJECT IS DEVELOPED; WHETHER AS A WHOLE OR IN PHASES. ANY EROSION CONTROL DEVICES/MEASURES MUST REMAIN IN PLACE UNTIL THE ENTIRE BASIN DESIGNED TO HANDLE SEDIMENTATION AND EROSION

1. CONSTRUCT TEMPORARY GRAVEL CONSTRUCTION ENTRANCE(S), ESTABLISH THE LIMITS OF DISTURBANCE, AND TEMPORARY SILT FENCE.

5. IMMEDIATELY UPON THE INSTALLATION OF ANY STORM DRAINAGE CATCH BASIN, DROP INLET, ETC., THE CONTRACTOR SHALL INSTALL INLET

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND RESTORING TO PRE-CONSTRUCTION CONDITIONS ANY AREAS OUTSIDE THE

TELEPHONE AND ELECTRIC AND ANY OTHER UTILITIES THROUGH THE SITE WITH THE RESPECTIVE COMPANIES.

10. PROVIDE SMOOTH SAW CUT OF EXISTING PAVEMENTS, CURBS AND GUTTERS AND SIDEWALKS TO BE DEMOLISHED.

DETERMINE THE EXACT LOCATION AND ELEVATIONS OF THE MAINS BY DIGGING TEST PITS BY HAND.

4. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.

PLAN. CALL TRAFFIC ENGINEERING FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION IN THE R/W.

10. ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.

4. PLANT GRASS OVER ALL GRADED AREAS WITHIN 14 WORKING DAYS OF CEASE OF ANY GRADING ACTIVITY.

7. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND/OR CURBING SHALL BE REPLACED.

12. EXISTING FIRE HYDRANTS ON OR NEAR THE SITE ARE TO REMAIN IN SERVICE.

(MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.

8. TACTILE WARNING MATS TO BE INSTALLED AT ALL WHEELCHAIR RAMPS.

EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES:

IS STABILIZED AND ALL IMPROVEMENTS WITHIN THE BASIN ARE COMPLETE.

MEASURES MUST BE INSTALLED BEFORE COMMENCING CONSTRUCTION

TEMPORARY EROSION CONTROL MEASURES UNTIL FINAL APPROVAL.

EROSION AND SEDIMENT CONTROL HANDBOOK. (NO SEPARATE PAYMENT).

PROVIDE THE OWNER AND THE ENGINEER A COPY OF THE AMENDED PERMIT

AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

PROTECTION TO STOP ANY SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.

DESIGNATED CLEARING LIMITS.

CONSTRUCTION IS COMPLETE.

DISTANCES AND ANY OTHER REQUIREMENTS OF TRAFFIC ENGINEERING.

ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.

IN ACCORDANCE WITH MUTCD STANDARDS.

- ALL EXISTING IMPROVEMENTS INDICATED OR REQUIRED TO BE DEMOLISHED SHALL INCLUDE REMOVAL FROM THE PROPERTY AND

GENERAL EROSION AND SEDIMENT CONTROL NOTES (CONT.):	NC ACCESSIBILITY NOTES:	GENERAL UTILITY NOTES
11. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.	GENERAL NOTES: 1. SPECIAL ATTENTION SHALL BE GIVEN TO COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS.	1. ALL PROPOSED UTILITIES ARE PRIVATE UNLESS OTHERWISE NOTED.
<ol> <li>ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BY CONTRACTOR ONCE STABILIZATION OR A SUFFICIENT GROUND COVER HAS BEEN ESTABLISHED OR AS DIRECTED BY THE ENGINEER. (NO SEPARATE PAYMENT). NEW HANOVER COUNTY'S FINAL APPROVAL IS REQUIRED.</li> </ol>	<ol> <li>IT IS ESSENTIAL THAT CONTRACTORS ARE AWARE OF THE SITE ACCESSIBILITY REQUIREMENTS. PARAMOUNTE ENGINEERING HAS DEVELOPED THESE NOTES AND DETAILS TO ASSURE THAT CONTRACTORS ARE AWARE OF THE REQUIREMENTS AT THE POINT IN TIME WHEN THEYARE BIDDING THE PROJECT. IN ADDITION, PARAMOUNTE ENGINEERING HAS MADE A POINT</li> </ol>	<ol> <li>ALL STORM SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF WILMINGTON REC THE DRAWINGS AND IN THE PROJECT SPECIFICATIONS.</li> </ol>
13. TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE REQUIRED AT ALL CONSTRUCTION STAGING AREA ENTRANCES AND ALL CONSTRUCTION ACCESS LOCATIONS INTO NON-PAVED AREA. (NO SEPARATE PAYMENT).	IN THESE NOTES AND DETAILS, AS WELL AS IN OUR DRAWINGS, TO PROVIDE SLOPES / GRADES AND DIMENSIONS THAT COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ANSI A117.1 AND APPLICABLE LOCAL LAWS & REGULATIONS. IF THESE SLOPES / GRADES AND DIMENSIONS ARE NOT ACHIEVABLE, THE CONTRACTOR IS REQUIRED TO CONTACT	<ol> <li>BEDDING FOR ALL STORM SEWER PIPE SHALL BE AS SPECIFIED ON THE DRAWINGS.</li> <li>ALL STORM SEWER PIPES SHOWN AS RCP ON THE PLANS SHALL BE REINFORCED CONCRETE PI</li> </ol>
14. WHEN CROSSING CREEK OR DRAINAGE-WAY, THE DIVISION OF WATER QUALITY SHALL BE CONTACTED PRIOR TO DISTURBING A CREEK. THE CONTRACTOR SHALL INSTALL RIP-RAP WITH FABRIC ALONG DISTURBED BANKS AND CHANNEL AND RESTORE SLOPES TO ORIGINAL CONTOURS, BUT NOT STEEPER THAN 2:1 MAXIMUM. DISTURBED CREEK AREA SHALL BE STABILIZED IMMEDIATELY.	THE OWNER IMMEDIATELY AND BEFORE MOVING FORWARD WITH THE WORK. 3. THE CONTRACTOR SHALL NOTIFY PARAMOUNTE ENGINEERING IMMEDIATELY OF ANY CONFLICT BETWEEN THESE NOTES AND DETAILS AND	UNLESS INDICATED OTHERWISE ON PLANS.
MAINTENANCE PLAN:	OTHER PROJECT DRAWINGS, WHETHER BY PARAMOUNTE ENGINEERING OR OTHERS. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK FOR WHICH THE ALLEGED CONFLICT HAS BEEN DISCOVERED UNTIL SUCH ALLEGED CONFLICT HAS BEEN RESOLVED. NO CLAIM SHALL BE MADE BY THE CONTRACTOR FOR DELAY OR DAMAGES AS A RESULT OF RESOLUTION OF ANY SUCH CONFLICT(S).	1. TOTAL SITE AREA = 1.01 AC
<ol> <li>ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF- PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.</li> </ol>	<ol> <li>THESE ACCESSIBILITY NOTES AND DETAILS ARE INTENDED TO DEPICT SLOPE AND DIMENSIONAL REQUIREMENTS ONLY. REFER TO SIDEWALK, CURBING, AND PAVEMENT DETAILS FOR ADDITIONAL INFORMATION.</li> </ol>	2. DISTURBED AREA = SEE EROSION CONTROL PLANS
<ol> <li>ALL CONSTRUCTION ENTRANCES WILL BE PERIODICALLY TOP DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH. ANY SEDIMENT THAT IS TRACKED INTO THE STREET WILL BE IMMEDIATELY REMOVED.</li> </ol>	ACCESSIBLE ROUTE NOTES:	<ol> <li>ALLOCATED IMPERVIOUS AREA DRAINING TO STORMWATER SYSTEM = SEE SITE PLANS</li> <li>RECEIVING STREAM = BURNT MILL CREEK (C; Sw)</li> </ol>
3. SEDIMENT WILL BE REMOVED BEHIND THE SEDIMENT FENCE WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. SILT FENCE STAKES WILL BE SPACED 6 FEET APART UNLESS A WIRE BACKING IS	PASSENGER LOADING ZONES; PUBLIC STREETS OR SIDEWALKS; AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING OR FACILITY ENTRANCE THEY SERVE.	WETLAND NOTES:
USED WITH 8 FOOT STAKE SPACING. 4. ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE	<ol> <li>AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.</li> </ol>	1) NO WETLANDS EXIST ON THIS SITE.
PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER. 5. INLET PROTECTION - INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (∲ INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR	3. WALKING SURFACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM RUNNING SLOPE OF 5.0% AND A MAXIMUM CROSS SLOPE OF 2.0%.	ROOF DRAIN NOTE:
<ul> <li>MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.</li> <li>6. CONCRETE WASHOUTS - CONCRETE WASHOUTS SHOULD BE INSPECTED DAILY AND AFTER HEAVY RAINS. DAMAGES SHOULD BE REPAIRED</li> </ul>	<ol> <li>ANY WALKING SURFACE THAT IS PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5.0% IS A RAMP AND SHALL COMPLY WITH THE GUIDELINES FOR RAMPS OR CURB RAMPS.</li> <li>TRANSITIONS BETWEEN RAMPS, WALKS, LANDINGS, GUTTERS OR STREETS SHALL BE FLUSHAND FREE OF ABRUPT VERTICAL CHANGES (1/4)</li> </ol>	1) PROPOSED BUILDING SHALL DIVERT ROOF DRAINAGE TO STORMWATER COLLECTION SYSTEM.
PROMPTLY. IF FILLED TO OVER 75% CAPACITY WITH RAIN WATER IT SHOULD BE VACUMED OR ALLOWED TO EVAPORATE TO AVOID OVERFLOWS. BEFORE HEAVY RAINS THE CONTAINERS LIQUID LEVEL SHOULD BE LOWERED OR THE CONTAINER COVERED TO AVOID AN OVER FLOW DURING RAIN. WHEN SOLIDS HAVE HARDENED THEY SHOULD BE REMOVED AND RECYCLED.	<ol> <li>FRANSTHONS BETWEEN RAMPS, WALKS, LANDINGS, GOTTERS OR STREETS SHALL BE FLOSHAND FREE OF ABROFT VERTICAL CHANGES (1/4 INCH MAXIMUM VERTICAL CHANGE IN LEVEL PERMITTED).</li> <li>FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.</li> </ol>	
	<ol> <li>THE MINIMUM CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES SHALL BE FORTY-EIGHT (48) INCHES MINIMUM MEASURED BETWEEN HANDRAILS WHERE HANDRAILS ARE PROVIDED (NC BUILDING CODE 1104.1 &amp; 1104.2).</li> </ol>	EXISTING UTILITY NOTES: 1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE ACTUAL LOCATION AI
PERMANENT SEEDING SCHEDULE - MIXTURE 5CP	<ol> <li>WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN OBJECT THAT IS LESS THAN FORTY-EIGHT (48) INCHES IN WIDTH, CLEAR WIDTH SHALL BE FORTY-TWO (42) INCHES MINIMUM APPROACHING THE TURN, FORTY-EIGHT (48) INCHES MINIMUM DURING THE TURN,</li> </ol>	AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREA 2. EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARI
Seeding Mixture SPECIES RATE (LB/ACRE)	AND FORTY-TWO (42) INCHES MINIMUM LEAVING THE TURN. THE CLEAR WIDTH APPROACHING AND LEAVING THE TURN MAY BE THIRTY-SIX (36) INCHES MINIMUM WHEN THE CLEAR WIDTH AT THE TURN IS SIXTY (60) INCHES MINIMUM* SEE NOTE 7 ABOVE FOR NC CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES*	BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR FIELD VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREP SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
CENTIPEDE GRASS 10-20	9. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN SIXTY (60) INCHES SHALLPROVIDE PASSING SPACES AT INTERVALS OF TWO HUNDRED (200) FEET MAXIMUM. PASSING SPACES SHALL BE EITHER A SIXTY (60) INCH MINIMUM BY SIXTY (60) INCH MINIMUM SPACE; OR AN INTERSECTION OF TWO (2) WALKING SURFACES THAT PROVIDE A COMPLIANT T-SHAPED TURNING SPACE, PROVIDED THE BASE AND ARMS OF	
Seeding Dates MARCH - JUNE	THE T-SHAPED SPACE EXTEND FORTY-EIGHT (48) INCHES MINIMUM BEYOND THE INTERSECTION. 10. DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT	<u>STABILIZATION TIME FRAMES:</u> *IN THE EVENT THAT THE GOVERNING AGENCIES TIMEFRAME FOR STABILIZA <sup>*</sup>
Soil Amendments APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 300 LB/ACRE 10-10-10 FERTILIZER.	(2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS. 11. DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE BUILDING ENTRANCE SHALL BE PROVIDED AT INACCESSIBLE	CONTRACTOR SHALL MEET THE MORE STRINGENT REQUIREMENT.
Mulch	BUILDING ENTRANCES. 12. WHERE POSSIBLE, DRAINAGE INLETS SHALL NOT BE LOCATED ON AN ACCESSIBLE ROUTE. IN THE EVENT THAT A DRAINAGE INLET MUST BE	SITE AREA DESCRIPTION         STABILIZATION         TIMEFF           PERIMETER DIKES, SWALES, DITCHES AND SLOPES         7 DAYS         NONE
DO NOT MULCH.	LOCATED ON AN ACCESSIBLE ROUTE, THE GRATE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), A117.1, THE NC BUILDING CODE, AND APPLICABLE LOCAL LAWS & REGULATIONS	HIGH QUALITY WATER (HQW) ZONES     7 DAYS     NONE       SLOPES STEEPER THAN 3:1     7 DAYS     IF SLOPES ARE 10'
Maintenance FERTILIZE VERY SPARINGLY20 LB/ACRE NITROGEN IN SPRING WITH NO PHOSPHORUS. CENTIPEDE GRASS CANNOT TOLERATE HIGH PH OR EXCESS FERTILIZER.	RAMP NOTES: 1. ANY PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5% SHALL BE CONSIDERED A RAMP.	SLOPES 3:1 OR FLATTER     14 DAYS     7 DAYS     7 DAYS
	<ol> <li>THE MAXIMUM RUNNING SLOPE FOR A RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.</li> <li>THE CLEAR WIDTH OF AN EXTERIOR RAMP RUN SHALL BE FORTY EIGHT INCHES (NC BUILDING CODE 1104.1). WHERE HANDRAILS ARE</li> </ol>	ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1 14 DAYS NONE, EXCEPT FOR
TEMPORARY SEEDING-LATE WINTER/EARLY SPRING	<ol> <li>THE CLEAR WIDTH OF AN EXTERIOR RAMP RUN SHALL BE FORTY EIGHT INCHES (NC BUILDING CODE 1104.1). WHERE HANDRAILS ARE PROVIDED ON THE RAMP RUN, THE CLEAR WIDTH SHALL BE MEASURED BETWEEN THE HANDRAILS.</li> <li>THE RISE FOR ANY RAMP RUN SHALL BE THIRTY (30) INCHES MAXIMUM.</li> </ol>	NEW HANOVER COUNTY LAND QUALITY STABILIZATION TIME FRAME NOTE: DENUDED AREAS MUST BE STABILIZED WITH FIFTEEN (15) WORKING DAYS OF CEASE OF ANY PHASE O BE STABILIZED WITHIN TWENTY-ONE (21) CALENDAR DAYS OF CEASE OF ANY PHASE OF ACTIVITY. THI
Seeding Mixture <u>WINTER AND EARLY SPRING</u>	<ol> <li>INE NOCL FOR ALL BE PROVIDED AT THE TOP AND BOTTOM OF RAMPS. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2.0% IN ANY DIRECTION. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. THE LANDING</li> </ol>	CHANNELS AND STOCKPILES. NPDES BUILDING WASTES HANDLING:
SPECIES     RATE (LB/ACRE)       RYE (GRAIN)     120	CLEAR LENGTH SHALL BE SIXTY (60) INCHES LONG MINIMUM. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING OF SIXTY (60) INCHES BY SIXTY (60) INCHES MINIMUM.	<ol> <li>NO PAINT OR LIQUID WASTES IN STREAM OR STORM DRAINS.</li> <li>DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST BE LOCATED 5 STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE.</li> </ol>
ANNUAL LESPEDEZA (KOBE IN PIEDMONT AND COASTAL PLAIN, KOREAN IN MOUNTAINS) 50	<ol> <li>RAMP RUNS WITH A RISE GREATER THAN SIX (6) INCHES SHALL HAVE HANDRAILS ON BOTH SIDES COMPLYING WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS &amp; REGULATIONS.</li> </ol>	<ol> <li>EARTHEN-MATERIALS STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS U ALTERNATIVES AVAILABLE.</li> <li>CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE WATERS, WE</li> </ol>
OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.	<ol> <li>FLOOR SURFACES OF RAMPS AND LANDINGS SHALL BE STABLE, FIRM AND SLIP RESISTANT.</li> <li>EDGE PROTECTION COMPLYING WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1, AND ADDULADE ELOCAL HAND &amp; DECUMPTION OF A DEC</li></ol>	NPDES INSPECTIONS: 1. SAME WEEKLY INSPECTION REQUIREMENTS.
SUMMER	APPLICABLE LOCAL LAWS & REGULATIONS SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND ON EACH SIDE OF RAMP LANDINGS. 9. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING	<ol> <li>SAME RAIN GAUGE &amp; INSPECTIONS AFTER 0.5" RAIN EVENT.</li> <li>INSPECTIONS ARE ONLY REQUIRED DURING "NORMAL BUSINESS HOURS".</li> <li>INSPECTION REPORTS MUST BE AVAILABLE ON-SITE DURING BUSINESS HOURS UNLESS A SITE-SI</li> </ol>
SPECIES     RATE (LB/ACRE)       GERMAN MILLET     40	AREA. WHERE DOORS THAT ARE SUBJECT TO LOCKING ARE ADJACENT TO A RAMP LANDING, LANDINGS SHALL BE SIZED TO PROVIDE A COMPLIANT TURNING SPACE.	APPROVED. 5. RECORDS MUST BE KEPT FOR 3 YEARS AND AVAILABLE UPON REQUEST. 6. ELECTRONICALLY AVAILABLE RECORDS MAY BE SUBSTITUTED UNDER CERTAIN CONDITIONS.
FALL	CURB RAMP NOTES:	NPDES SEDIMENT BASINS: 1. OUTLET STRUCTURES MUST WITHDRAW FROM BASIN SURFACE UNLESS DRAINAGE AREA IS LESS
SPECIES     RATE (LB/ACRE)       RYE (GRAIN)     120	<ol> <li>COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 5%. THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS AND STREETS SHALL BE AT THE SAME LEVEL.</li> </ol>	2. USE ONLY DWQ-APPROVED FLOCULANTS. NPDES - SPECIFIC PLAN SHEETS NOTES:
Seeding dates	<ol> <li>THE CLEAR WIDTH OF A CURB RAMP SHALL BE 36 INCHES (36) MINIMUM, EXCLUSIVE OF FLARED SIDES, IF PROVIDED. *NOTE NC BUILDING CODE REQUIRES EXTERIOR ACCESSIBLE ROUTES TO BE 48 INCHES MINIMUM WIDE (1104.1 &amp; 1104.2).*</li> </ol>	<ol> <li>THIS PAGE IS SUBMITTED TO COMPLY WITH NPDES GENERAL STORMWATER PERMIT NCG010000.</li> <li>THIS PAGE CAN BE APPROVED BY THE COUNTY PURSUANT TO NPDES GENERAL STORMWATER P</li> <li>THIS PAGE OF THE APPROVED PLANS IS ENFORCEABLE EXCLUSIVELY PURSUANT TO NPDES GEN</li> </ol>
COASTAL PLAIN - DEC.1-APR. 15 - LATE WINTER AND EARLY SPRING APRIL 15 - AUG. 15 - SUMMER	4. LANDINGS SHALL BE PROVIDED AT THE TOP OF CURB RAMPS. THE CLEAR LENGTH OF THE LANDING SHALL BE THIRTY-SIX (36) INCHES MINIMUM. THE CLEAR WIDTH OF THE LANDING SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING FLARED SIDES, LEADING TO THE LANDING. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2% IN ANY DIRECTION.	NCG010000. 4. THE COUNTY IS NOT AUTHORIZED TO ENFORCE THE NPDES PORTION OF THIS PAGE OF THE PLAY OF THE APPROVED PLANS FOR THE PURPOSES OF ENFORCEMENT ACTION UNDER THE COUNTY
AUG. 15 - DEC. 30 - FALL Soil amendments	<ol> <li>IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES.</li> </ol>	FIRE AND LIFE SAFETY NOTES:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.	6. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT EXCEED 10%.	1. CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIM
Mulch APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES	<ol> <li>CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES OR PARKING ACCESS AISLES. CURBS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.</li> </ol>	2. NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVER 3. HYDRANT MUST BE WITHIN 150' OF THE FDC (MEASURED AS THE TRUCK DRIVES FOR PRACTICAL U
SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.	<ol> <li>CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.</li> <li>IT IS RECOMMENDED TO PROVIDE CURB RAMPS WITH A TWENTY-FOUR (24) INCH DEEP DETECTABLE WARNING COMPLYING WITH 406.12</li> </ol>	<ol> <li>LANDSCAPING OR PARKING CANNOT BLOCK OR IMPEDE THE FDC OR FIRE HYDRANTS. A 3-FOOT ( BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC.</li> <li>PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE UNDERGROUND FIRE LINE PERMIT FR</li> </ol>
Maintenance REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.	A117.1, EXTENDING THE FULL WIDTH OF THE RAMP. REFERTO DETECTABLE WARNING DETAILS AND NOTES FOR PLACEMENT, ORIENTATION AND NOTES. THE NC BUILDING CODE DOES NOT CURRENTLY REQUIRE DETECTABLE WARNINGS AT CURB RAMPS, NOR DO THE 2010 ADA STANDARDS - HOWEVER US DOT ADA REGULATIONS DO REQUIRE THESE.	<ul> <li>WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-343-0696.</li> <li>6. FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.</li> <li>7. IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY F</li> </ul>
	<ol> <li>FLOOR SURFACES OF CURB RAMPS SHALL BE DEEP GROOVED, ½ INCH WIDE BY ¼ INCH DEEP, ONE (1) INCH CENTERS TRANSVERSE TO THE RAMP.</li> </ol>	BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT. 8. ALL ISOLATION VALVES WITHIN THE "HOT BOX" SHALL BE ELECTRICALLY SUPERVISED. PLEASE W YOUR FIRE SPRINKLER AND ALARM INSTALLER IN REGARDS TO RUNNING WIRE FOR TAMPER SWIT
SITE NOTES :	11. WHERE PROVIDED, STOP LINES SHALL BE LOCATED IN ADVANCE OF CURB RAMP.	9. CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY THAT DEMONSTRATES THAT EXI RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF SECTION 510 OF THE 2018 NC F
<ol> <li>ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO START OF CONSTRUCTION. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.</li> </ol>	12. WHERE PROVIDED, PEDESTRIAN ACTIVATED SIGNALS SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK. 13. WHERE PROVIDED, DRAINAGE INLETS SHALL BE LOCATED UPSTREAM OF CURB RAMPS AND NOT IN THE RAMP AREA.	
<ol> <li>CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.</li> </ol>	14. CURB RAMP TYPE AND LOCATION ARE PER PLAN. PARKING SPACE NOTES:	
<ol> <li>ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH THE RESPECTIVE UTILITY.</li> </ol>	ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTES OF TRAVEL FROM ADJACENT PARKING TO AN     ACCESSIBLE BUILDING ENTRANCE.	
4. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.	<ol> <li>ACCESSIBLE PARKING SPACES SHALL BE AT LEAST NINETY-SIX (96) INCHES WIDE. ACCESS AISLES SHALL BE 60 INCHES WIDE. ONE OF SIX ACCESSIBLE SPACES SHOULD PROVIDE A VAN ACCESSIBLE AISLE. THE AISLE SHOULD BE 96 INCHES WIDE (OR ACCESSIBLE SPACE IS 11 FEET</li> </ol>	
5. THE GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.	AND ACCESS AISLE IS FIVE FEET). WHERE PARKING SPACES AND ACCESS AISLES ARE MARKED WITH LINES, THE WIDTH MEASUREMENTS SHALL BE MADE FROM CENTERLINE OF THE MARKINGS. WHERE PARKING SPACES OR ACCESS AISLES ARE NOT ADJACENT TO ANOTHER PARKING SPACE OR ACCESS AISLES, MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE DEFINING THE PARKING SPACE OR ACCESS AISLES, MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE DEFINING THE	
<ol> <li>THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.</li> <li>ALL UTILITIES TO SERVICE PROPOSED STRUCTURE SHALL BE UNDERGROUND ON SITE.</li> </ol>	PARKING SPACE OR ACCESS AISLE. 3. PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH PROVIDED ADDRESS OF A DATE OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH PROVIDED ADDRESS OF A DATE OF A DAT	
<ol> <li>ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH</li> </ol>	PROVISIONS FORACCESSIBLE ROUTES. MARKED CROSSINGS SHALL BE PROVIDED WHERE THE ACCESSIBLE ROUTE MUST CROSS VEHICULAR TRAFFIC LANES. WHERE POSSIBLE, IT IS PREFERABLE THAT THE ACCESSIBLE ROUTE NOT PASS BEHIND PARKED VEHICLES. 4. TWO (2) ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESS AISLE.	
THE SPECIFICATIONS. 9. CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO	5. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACE THEY SERVE.	
CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.	6. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM. 7. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE	
10. IF DEPARTURES FROM THE SPECIFICATIONS OR DRAWINGS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE GIVEN TO THE OWNER FOR REVIEW, NO DEPARTURES FROM THE CONTRACT DOCUMENT SHALL BE MADE WITHOUT THE PERMISSION OF THE OWNER, THE CITY OF WILMINGTON, NEW HANOVER COUNTY, OR CFPUA,	PARKING SPACE EXCEPTFOR ANGLED VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACES. 8. FLOOR SURFACES OF PARKING SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT. ACCESS AISLES	
RESPECTIVELY. 11. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES ARE	<ol> <li>PLOOR SURFACES OF PARKING SPACES AND ACCESS AISLES SERVING THEM SHALL BE STADLE, FIRM AND SLIP RESISTANT. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.</li> <li>PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS.</li> </ol>	
NOT NECESSARILY SHOWN ON PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COST HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE OTHER OBSTRUCTIONS OR FROM DELAY DUE	10. PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE REQUIRED CLEAR WIDTH OF AN ACCESSIBLE ROUTE.	
TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. CONTACT NORTH CAROLINA ONE CALL" TOLL FREE 1-800-632-4949 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NONSUBSCRIBING UTILITIES.	11. PARKING SPACES FOR VANS AND ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF NINETY-EIGHT (98) INCHES MINIMUM. SIGNS SHALL BE PROVIDED AT ENTRANCES TO PARKING FACILITIES INFORMING DRIVERS OF CLEARANCES AND THE LOCATION OF VAN ACCESSIBLE PARKING SPACES.	
12. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.	12. EACH ACCESSIBLE PARKING SPACE SHALL BE PROVIDED WITH SIGNAGE DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL BE INSTALLED AT A MINIMUM CLEAR HEIGHT OF SIXTY (60) INCHES ABOVE GRADE AND SHALL NOT INTERFERE WITH AN ACCESSIBLE	
<ol> <li>THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.</li> <li>ALL LOT STRUPING AND DIRECTIONAL APPROVES TO BE REFLECTIVE MARKINGS AND SUALL CONFORM TO NOROT. ALL PARKING STALL</li> </ol>	ROUTE FROM AN ACCESS AISLE. SIGNS LOCATED WHERE THEY MAY BE HIT BY VEHICLES BEING PARKED SHALL BE INSTALLED WITH BOLLARD PROTECTION.	
<ol> <li>ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE REFLECTIVE MARKINGS AND SHALL CONFORM TO NCDOT. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.</li> <li>ALL PARKING LOT DIMENSIONS ARE FROM FACE OF CURP LINE FSC NOTED OT UPDIMICE</li> </ol>	13. SIGNAGE AT ACCESSIBLE PARKING SPACES REQUIRED BY THE NC BUILDING CODE SECTION 1106.1SHALL COMPLY WITH THE REQUIREMENTS OF NORTH CAROLINA GENERAL STATUTE 20-37.6 AND 136-30 AND THE NCDOT UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES. A SEPARATE SIGN IS REQUIRED FOR EACH SPACE. SIGNS TO INDICATE THE MAXIMUM PENALTY MUST BE PROVIDED AT EACH ACCESSIBLE SPACE.	
<ol> <li>ALL PARKING LOT DIMENSIONS ARE FROM FACE OF CURB UNLESS NOTED OTHERWISE.</li> <li>LANDSCAPE PLANTINGS AT ENTRANCE/ EXITS WILL BE INSTALLED AND MAINTAINED SO AS NOT TO INTERFERE WITH SIGHT DISTANCE NEEDS OF DRIVERS IN THE PARKING AREA AND AT ENTRANCE/EXIT LOCATIONS PER LOCAL STANDARDS.</li> </ol>	14. ACCESSIBLE PARKING SPACE, ACCESS AISLE STRIPING, AND INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE PAINTED BLUE (OR ANOTHER COLOR THAT CAN BE DISTINGUISHED FROM PAVEMENT).	
NEEDS OF DRIVERS IN THE PARKING AREA AND AT ENTRANCE/EXIT LOCATIONS PER LOCAL STANDARDS. 17. SEEDING TO BE INSTALLED TO LOCAL REQUIREMENTS & STANDARD PRACTICES.	PASSENGER LOADING ZONE NOTES: 1. PASSENGER LOADING ZONES SHALL PROVIDE VEHICULAR PULL-UP SPACE NINETY-SIX (96) INCHES WIDE MINIMUM AND TWENTY (20) FEET LONG	
18. ALL DIMENSIONS AND RADII ARE TO OUTSIDE FACE OF BUILDING OR TO FACE OF CURB UNLESS OTHERWISE NOTED.	MINIMUM. 2. PASSENGER LOADING ZONES SHALL PROVIDE A CLEARLY MARKED ACCESS AISLE THAT IS SIXTY (60) INCHES WIDE MINIMUM AND EXTENDS	
19. PROPERTY OWNER'S ASSOCIATION (POA) WILL BE RESPONSIBLE FOR ALL PRIVATE RIGHT OF WAY AND LANDSCAPE MAINTENANCE WITHIN THE PROJECT.	THE FULL LENGTH OF THE VEHICLE PULL-UP SPACE THEY SERVE. 3. ACCESS AISLE SHALL ADJOIN AN ACCESSIBLE ROUTE AND NOT OVERLAP THE VEHICULAR WAY.	
	<ol> <li>VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.</li> </ol>	
	PERMITTED. 5. FLOOR SURFACES OF VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT.	
	6. VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE, AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR EXIT SERVING THEM, SHALL PROVIDE A VERTICAL CLEARANCE OF ONE HUNDRED FOURTEEN (114) INCHES MINIMUM.	For eac
	ACCESSIBLE ENTRANCE NOTES:	City stre shall be
	<ol> <li>ACCESSIBLE ENTRANCES SHALL BE PROVIDED AS REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) AND THE NORTH CAROLINA BUILDING CODE, AND APPLICABLE LOCAL LAWS &amp; REGULATIONS.</li> <li>ENTRANCE DOORS, DOORWAYS AND GATES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) THE NC</li> </ol>	City p
	<ol> <li>ENTRANCE DOORS, DOORWAYS AND GATES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) THE NC BUILDING CODE/ANSI A117.1 AND SHALL BE ON AN ACCESSIBLE ROUTE.</li> </ol>	and/or

# THERWISE NOTED.

ACCORDANCE WITH CITY OF WILMINGTON REQUIREMENTS AS SPECIFIED ON

# AS SPECIFIED ON THE DRAWINGS.

PLANS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-76,

#### RACTOR TO VERIFY THE ACTUAL LOCATION AND ILITIES IN THE FIELD PRIOR TO GROUND BREAKING.

TH UNDERGROUND AND ABOVE GROUND, ARE BLE RECORD DRAWINGS. THE CONTRACTOR SHALL

#### NING RELATED CONSTRUCTION. ANY DISCREPANCIES ITATIVE IMMEDIATELY.

NCIES TIMEFRAME FOR STABILIZATION VARY, INGENT REQUIREMENT.

# ALITY STABILIZATION TIME FRAMES

ILIZATION	TIMEFRAME EXCEPTIONS		
DAYS	NONE		
DAYS	NONE		
DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED		
1 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH		
4 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES		

ILIZATION TIME FRAME NOTE: 5) WORKING DAYS OF CEASE OF ANY PHASE OF ACTIVITY. ALL SLOPES MUST S OF CEASE OF ANY PHASE OF ACTIVITY. THIS INCLUDES SLOPES, SWALES,

ON AND OTHER WASTES MUST BE LOCATED 50' FROM STORM DRAINS AND ED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE AVOID CONTACT WITH SURFACE WATERS, WETLANDS, OR BUFFERS

AL BUSINESS HOURS". E DURING BUSINESS HOURS UNLESS A SITE-SPECIFIC EXEMPTION IS BLE UPON REQUEST

IN SURFACE UNLESS DRAINAGE AREA IS LESS THAN 1 ACRE.

S GENERAL STORMWATER PERMIT NCG010000. IRSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000 ONLY BLE EXCLUSIVELY PURSUANT TO NPDES GENERAL STORMWATER PERMIT

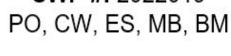
E NPDES PORTION OF THIS PAGE OF THE PLANS AND THEY ARE NOT A PART ENFORCEMENT ACTION UNDER THE COUNTY CODE.

CCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING

PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE. RED AS THE TRUCK DRIVES FOR PRACTICAL USE). EDE THE FDC OR FIRE HYDRANTS. A 3-FOOT CLEAR SPACE SHALL THE HYDRANT AND FDC. PARATE UNDERGROUND FIRE LINE PERMIT FROM THE

ONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY CONCERNING THE PROJECT. L BE ELECTRICALLY SUPERVISED. PLEASE WORK CLOSELY WITH EGARDS TO RUNNING WIRE FOR TAMPER SWITCH. NGTH STUDY THAT DEMONSTRATES THAT EXISTING EMERGENCY JIREMENTS OF SECTION 510 OF THE 2018 NC FIRE CODE.

> Approved Construction Plan Date: 4/13/22 # 2021060 SWP #: 2022019





PEI JOB#: 21434.PE

For each open utility cut of City streets, a \$325 permit shall be required from the Date: City prior to occupancy and/or project acceptance. | Signed:

Public Services 

Engineering Division APPROVED STORMWATER MANAGEMENT PLAN

Permit #

SUED FOR CONSTRUCTIO	STRUCTION			
04, C-	PROJECT STATUS CONCEPTUAL LAYOUT: PRELIMINARY LAYOUT: FINAL DESIGN:	GENERAL NOTES	PARAMOUNTE	CLIENT INFORMATION:
-1.0	DRAWING INFORMATION         DATE:       04.12.22         SCALE:       NOT TO SCALE         DESIGNED:       ASR         DRAWN:       ASR	SMILE STRAIGHT ORTHODONTICS WILMINGTON NORTH CAROLINA	122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F)	KIDS DENTAL BRANDS 5717 E. THOMAS ROAD, SUITE 100 SCOTTSDALE, AZ 85251
	CHECKED: RPB		INC LICENSE #: C-2040	

#### GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH QUIPMENT AND VEHICLE MAINTENANCE THE NCG01 CONSTRUCTION GENERAL PERN Maintain vehicles and equipment to prevent discharge of fluids. Implementing the details and specifications on this plan sheet will result in the construction Provide drip pans under any stored equipment. activity being considered compliant with the Ground Stabilization and Materials Handling Identify leaks and repair as soon as feasible, or remove leaking equipment from the sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the Collect all spent fluids, store in separate containers and properly dispose as delegated authority having jurisdiction. All details and specifications shown on this sheet hazardous waste (recycle when possible). may not apply depending on site conditions and the delegated authority having jurisdiction. Remove leaking vehicles and construction equipment from service until the problem SECTION E: GROUND STABILIZATION has been corrected. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products **Required Ground Stabilization Timeframes** to a recycling or disposal center that handles these materials. Stabilize within this many calendar Timeframe variations Site Area Description days after ceasing LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE land disturbance Never bury or burn waste. Place litter and debris in approved waste containers. (a) Perimeter dikes, Provide a sufficient number and size of waste containers (e.g dumpster, trash swales, ditches, an None receptacle) on site to contain construction and domestic wastes. perimeter slopes Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available. (b) High Quality Wate None Locate waste containers on areas that do not receive substantial amounts of runoff (HQW) Zones from upland areas and does not drain directly to a storm drain, stream or wetland. f slopes are 10' or less in length and are (c) Slopes steeper than Cover waste containers at the end of each workday and before storm events or not steeper than 2:1, 14 days are 3:1 provide secondary containment. Repair or replace damaged waste containers. Anchor all lightweight items in waste containers during times of high winds. -7 days for slopes greater than 50' in Empty waste containers as needed to prevent overflow. Clean up immediately if length and with slopes steeper than 4:1 containers overflow. 7 days for perimeter dikes, swales, (d) Slopes 3:1 to 4:1 14 Dispose waste off-site at an approved disposal facility. ditches, perimeter slopes and HQW 9. On business days, clean up and dispose of waste in designated waste containers. -10 days for Falls Lake Watershed PAINT AND OTHER LIQUID WASTE 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones Do not dump paint and other liquid waste into storm drains, streams or wetlands. e) Areas with slopes -10 days for Falls Lake Watershed unless Locate paint washouts at least 50 feet away from storm drain inlets and surface flatter than 4:1 there is zero slope waters unless no other alternatives are reasonably available. Contain liquid wastes in a controlled area. **Note:** After the permanent cessation of construction activities, any areas with temporary Containment must be labeled, sized and placed appropriately for the needs of site. ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing Prevent the discharge of soaps, solvents, detergents and other liquid wastes from activity. Temporary ground stabilization shall be maintained in a manner to render the construction sites. surface stable against accelerated erosion until permanent ground stabilization is achieved. PORTABLE TOILETS GROUND STABILIZATION SPECIFICATION Install portable toilets on level ground, at least 50 feet away from storm drains, Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the streams or wetlands unless there is no alternative reasonably available. If 50 foot techniques in the table below: offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags. Temporary Stabilization Permanent Stabilization Temporary grass seed covered with straw or Permanent grass seed covered with straw or Provide staking or anchoring of portable toilets during periods of high winds or in high other mulches and tackifiers other mulches and tackifiers foot traffic areas. Hydroseeding Geotextile fabrics such as permanent soil Monitor portable toilets for leaking and properly dispose of any leaked material. Rolled erosion control products with or reinforcement matting Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace without temporary grass seed Hydroseeding with properly operating unit. Appropriately applied straw or other mulch Shrubs or other permanent plantings covered Plastic sheeting with mulch EARTHEN STOCKPILE MANAGEMENT Uniform and evenly distributed ground cover sufficient to restrain erosion Show stockpile locations on plans. Locate earthen-material stockpile areas at least • Structural methods such as concrete, asphalt or 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls retaining walls and surface waters unless it can be shown no other alternatives are reasonably Rolled erosion control products with grass seed available. Protect stockpile with silt fence installed along toe of slope with a minimum offset of

# POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during
- construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures. Apply flocculants at the concentrations specified in the NC DWR List of Approved
- *PAMS/Flocculants* and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging
- offsite Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

# NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

five feet from the toe of stockpile

Provide stable stone access point when feasible

Stabilize stockpile within the timeframes provided on this sheet and in accordance

PART III

SELF-INSPECTION, RECORDKEEPING AND REPORTING

erosion on disturbed soils for temporary or permanent control needs.

with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated

#### PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

# SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

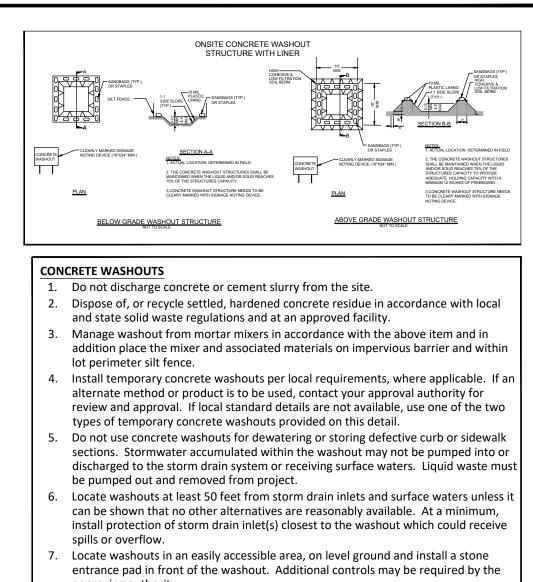
Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend of holiday periods, and no individual-day rainfall information if available, record the cumulative rain measurement for those un attended days (and this will determine if a site inspection if needed). Days on which no rainfall occurred shall be recorded a "zero." The permittee may use another rain-monitoring devic approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event $\geq$ 1.0 inch in 24 hours	<ol> <li>Identification of the measures inspected,</li> <li>Date and time of the inspection,</li> <li>Name of the person performing the inspection,</li> <li>Indication of whether the measures were operating properly,</li> <li>Description of maintenance needs for the measure,</li> <li>Description, evidence, and date of corrective actions taken.</li> </ol>
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event $\geq$ 1.0 inch in 24 hours	<ol> <li>Identification of the discharge outfalls inspected,</li> <li>Date and time of the inspection,</li> <li>Name of the person performing the inspection,</li> <li>Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration,</li> <li>Indication of visible sediment leaving the site,</li> <li>Description, evidence, and date of corrective actions taken.</li> </ol>
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event $\geq$ 1.0 inch in 24 hours	<ul> <li>If visible sedimentation is found outside site limits, then a record of the following shall be made:</li> <li>Actions taken to clean up or stabilize the sediment that has left the site limits,</li> <li>Description, evidence, and date of corrective actions taken, an</li> <li>An explanation as to the actions taken to control future releases.</li> </ul>
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event $\ge 1.0$ inch in 24 hours	<ul> <li>If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made:</li> <li>Description, evidence and date of corrective actions taken, and</li> <li>Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit of this permit.</li> </ul>
(6) Ground stabilization measures	After each phase of grading	<ol> <li>The phase of grading (installation of perimeter E&amp;SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover).</li> <li>Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.</li> </ol>

#### SECTION B: RECORDKEEPING 1. E&SC Plan Documentation The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be documented in the manner described: Documentation Requirements Item to Document (a) Each E&SC Measure has been installed Initial and date each E&SC Measure on a copy and does not significantly deviate from the of the approved E&SC Plan or complete, date locations, dimensions and relative elevations | and sign an inspection report that lists each shown on the approved E&SC Plan. E&SC Measure shown on the approved E&SC Plan. This documentation is required upon the initial installation of the E&SC Measures or if the E&SC Measures are modified after initial installation. (b) A phase of grading has been completed. Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate completion of the construction phase. (c) Ground cover is located and installed Initial and date a copy of the approved E&SC

in accordance with the approved E&SC Plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications. (d) The maintenance and repair Complete, date and sign an inspection report. requirements for all E&SC Measures have been performed. (e) Corrective actions have been taken Initial and date a copy of the approved E&SC to E&SC Measures. Plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

# 2. Additional Documentation

- In addition to the E&SC Plan documents above, the following items shall be kept on the and available for agency inspectors at all times during normal business hours, unless the
- Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:
- (a) This general permit as well as the certificate of coverage, after it is received.
- (b) Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
- All data used to complete the Notice of Intent and older inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]



- approving authority. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- 10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

#### HERBICIDES, PESTICIDES AND RODENTICIDES

Do not stockpile these materials onsite

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions. Store herbicides, pesticides and rodenticides in their original containers with the
- label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water
- or surface water. If a spill occurs, clean area immediately.

# HAZARDOUS AND TOXIC WASTE

- 1. Create designated hazardous waste collection areas on-site.
- 2. Place hazardous waste containers under cover or in secondary containment. 3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

EFFECTIVE: 04/01/19

# SELF-INSPECTION, RECORDKEEPING AND REPORTING

#### **SECTION C: REPORTING**

- 1. Occurrences that must be reported
- Permittees shall report the following occurrences:
- (a) Visible sediment deposition in a stream or wetland.

### (b) Oil spills if:

- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).
- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

#### (b) Anticipated bypasses and unanticipated bypasses.

(c) Noncompliance with the conditions of this permit that may endanger health or the environment.

#### . Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment	Within 24 hours, an oral or electronic notification.
deposition in a	• Within 7 calendar days, a report that contains a description of the
stream or wetland	sediment and actions taken to address the cause of the deposition.
	Division staff may waive the requirement for a written report on a
	case-by-case basis.
	<ul> <li>If the stream is named on the <u>NC 303(d) list</u> as impaired for sediment-</li> </ul>
	related causes, the permittee may be required to perform additional
	monitoring, inspections or apply more stringent practices if staff
	determine that additional requirements are needed to assure compliance
	with the federal or state impaired-waters conditions.
(b) Oil spills and	Within 24 hours, an oral or electronic notification. The notification
release of	shall include information about the date, time, nature, volume and
hazardous	location of the spill or release.
substances per Item	
1(b)-(c) above	
(c) Anticipated	<ul> <li>A report at least ten days before the date of the bypass, if possible.</li> </ul>
bypasses [40 CFR	The report shall include an evaluation of the anticipated quality and
122.41(m)(3)]	effect of the bypass.
(d) Unanticipated	<ul> <li>Within 24 hours, an oral or electronic notification.</li> </ul>
bypasses [40 CFR	Within 7 calendar days, a report that includes an evaluation of the
122.41(m)(3)]	quality and effect of the bypass.
(e) Noncompliance	Within 24 hours, an oral or electronic notification.
with the conditions	• Within 7 calendar days, a report that contains a description of the
of this permit that	noncompliance, and its causes; the period of noncompliance,
may endanger	including exact dates and times, and if the noncompliance has not
health or the	been corrected, the anticipated time noncompliance is expected to
environment[40	continue; and steps taken or planned to reduce, eliminate, and
CFR 122.41(I)(7)]	prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6).
	<ul> <li>Division staff may waive the requirement for a written report on a</li> </ul>
	case-by-case basis.

REVISIONS:	
CLIENT INFORMATION:	KIDS DENTAL BRANDS 5717 E. THOMAS ROAD, SUITE 100 SCOTTSDALE, AZ 85251
	122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846
NPDES NCG01 NOTES	SMILE STRAIGHT ORTHODONTICS WILMINGTON NORTH CAROLINA
PROJECT STATUS CONCEPTUAL LAYOUT: PRELIMINARY LAYOUT: FINAL DESIGN: RELEASED FOR CONST:	DRAWING INFORMATION DATE: 04.12.22 SCALE: NOT TO SCALE DESIGNED: ASR DRAWN: ASR CHECKED: RPB
C-	-1.1

Approved Construction Plan
Date: 4/13/22
# 2021060
SWP #: 2022019
PO, CW, ES, MB, BM

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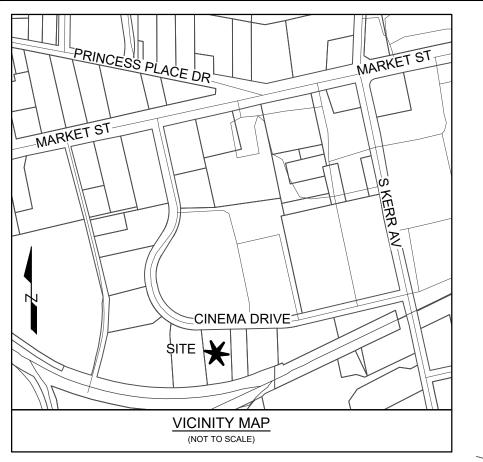


For each open utility cut of City streets, a \$325 permit shall be required from the Date: City prior to occupancy and/or project acceptance. | Signed:

Public Services 

Engineering Division APPROVED STORMWATER MANAGEMENT PLAN

Permit #



#### NOTES

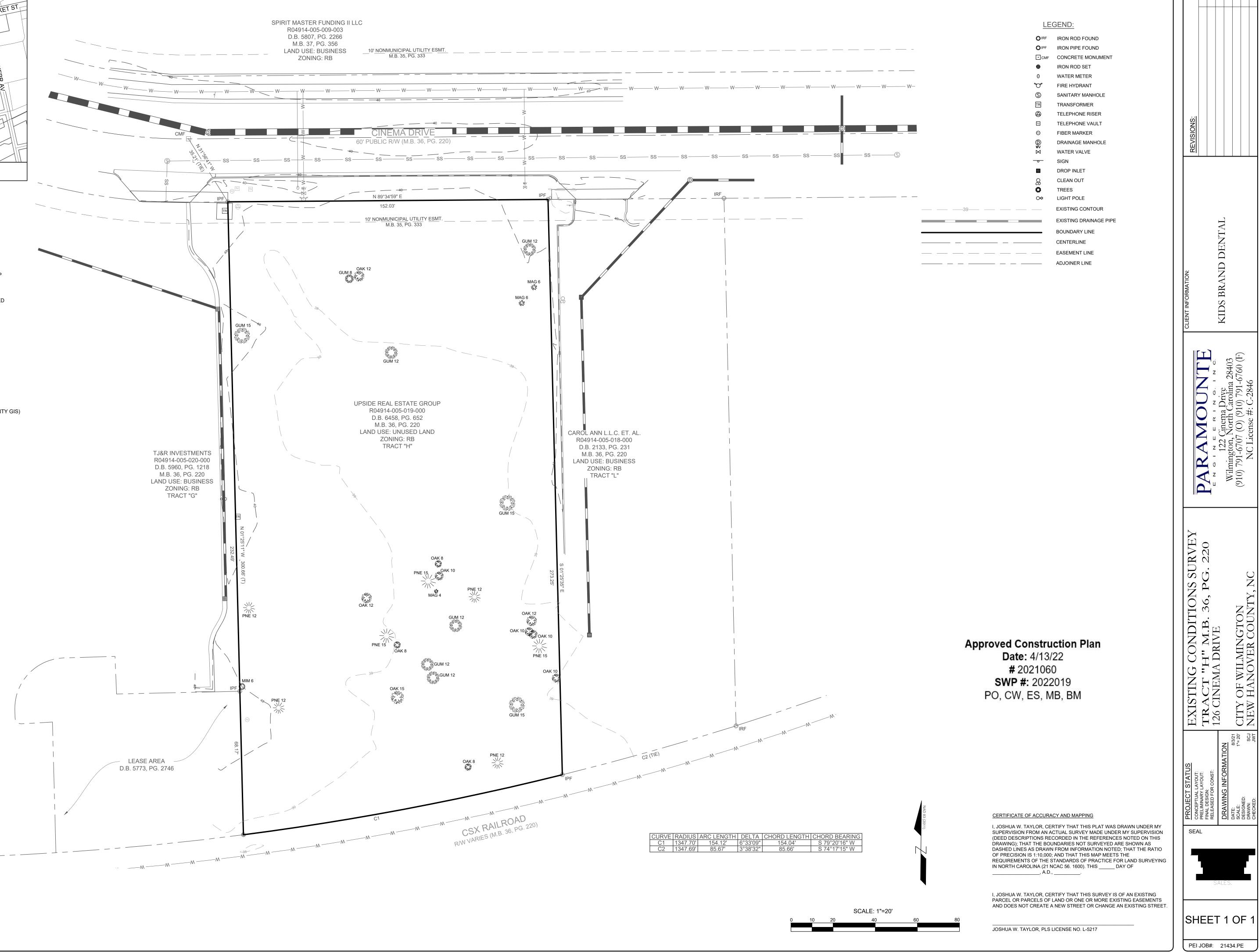
- 1. AREA CALCULATED BY COORDINATE METHOD. 2. HORIZONTAL (NAD 83-2011) AND VERTICAL (NAVD 88) DATA WERE ESTABLISHED UTILIZING A TOPCON HIPER-V GPS RECEIVER OPERATING IN VRS MODE WITH REPEAT OBSERVATIONS.
- 3. THIS PARCEL IS LOCATED IN ZONE X NOT A SPECIAL FLOOD HAZARD AREA – AS SHOWN ON FEMA FLOOD MAP NO. 3720313700K BEARING AN EFFECTIVE DATE OF 8/28/2018.
- 4. UTILITIES AS SHOWN ARE PLOTTED FROM INFORMATION VISIBLE IN THE FIELD AND FROM INFORMATION PROVIDED BY UTILITY COMPANIES. ADDITIONAL UTILITIES NOT SHOWN MAY EXIST. THE APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED PRIOR TO LAND
- DISTURBING ACTIVITIES. 5. THIS LOT IS SUBJECT TO ALL UTILITY EASEMENTS,
- RESTRICTIONS, OR COVENANTS OF RECORD.
- 6. CONTOUR INTERVAL =1'.
- LOT INFORMATION

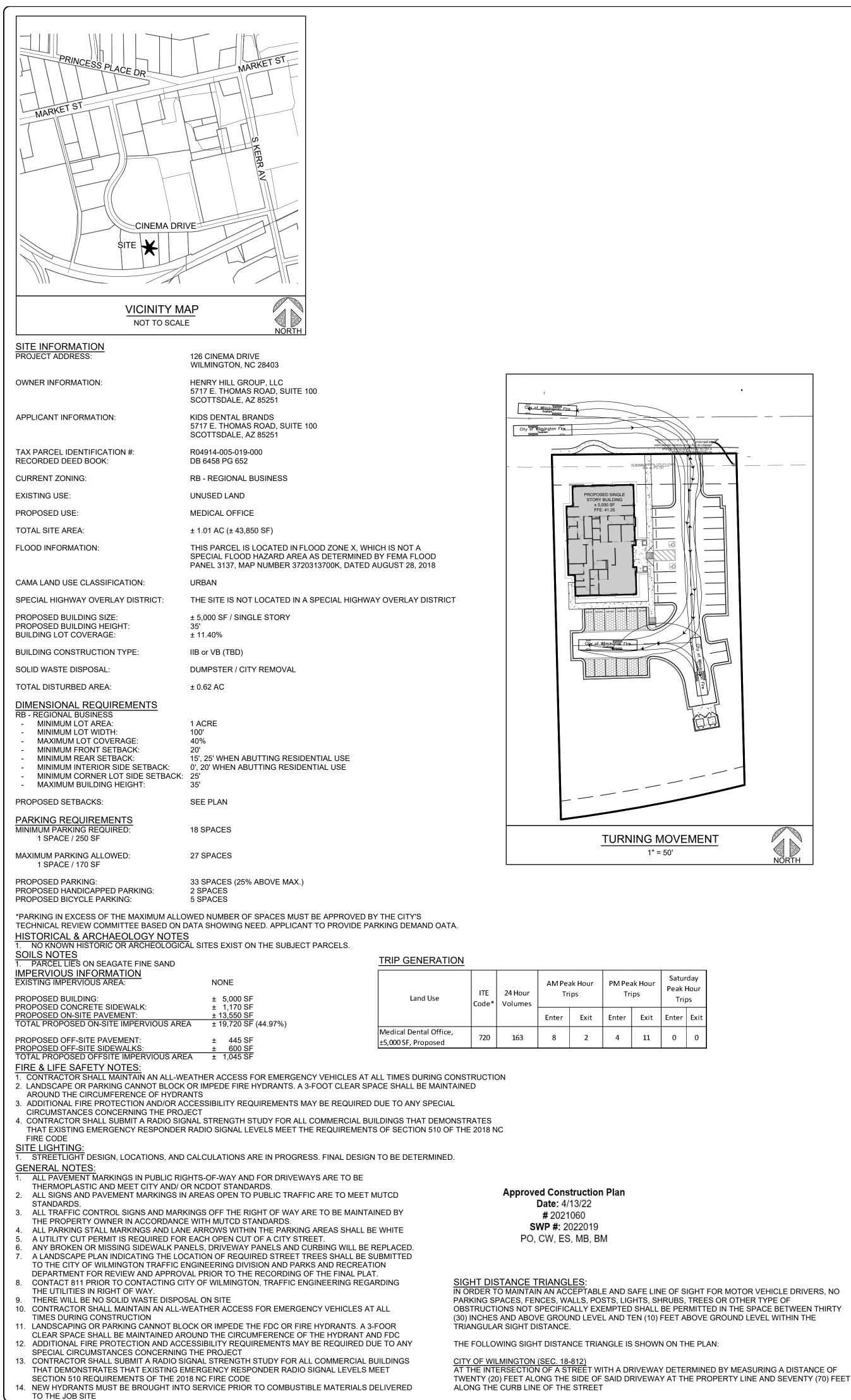
# TRACT H

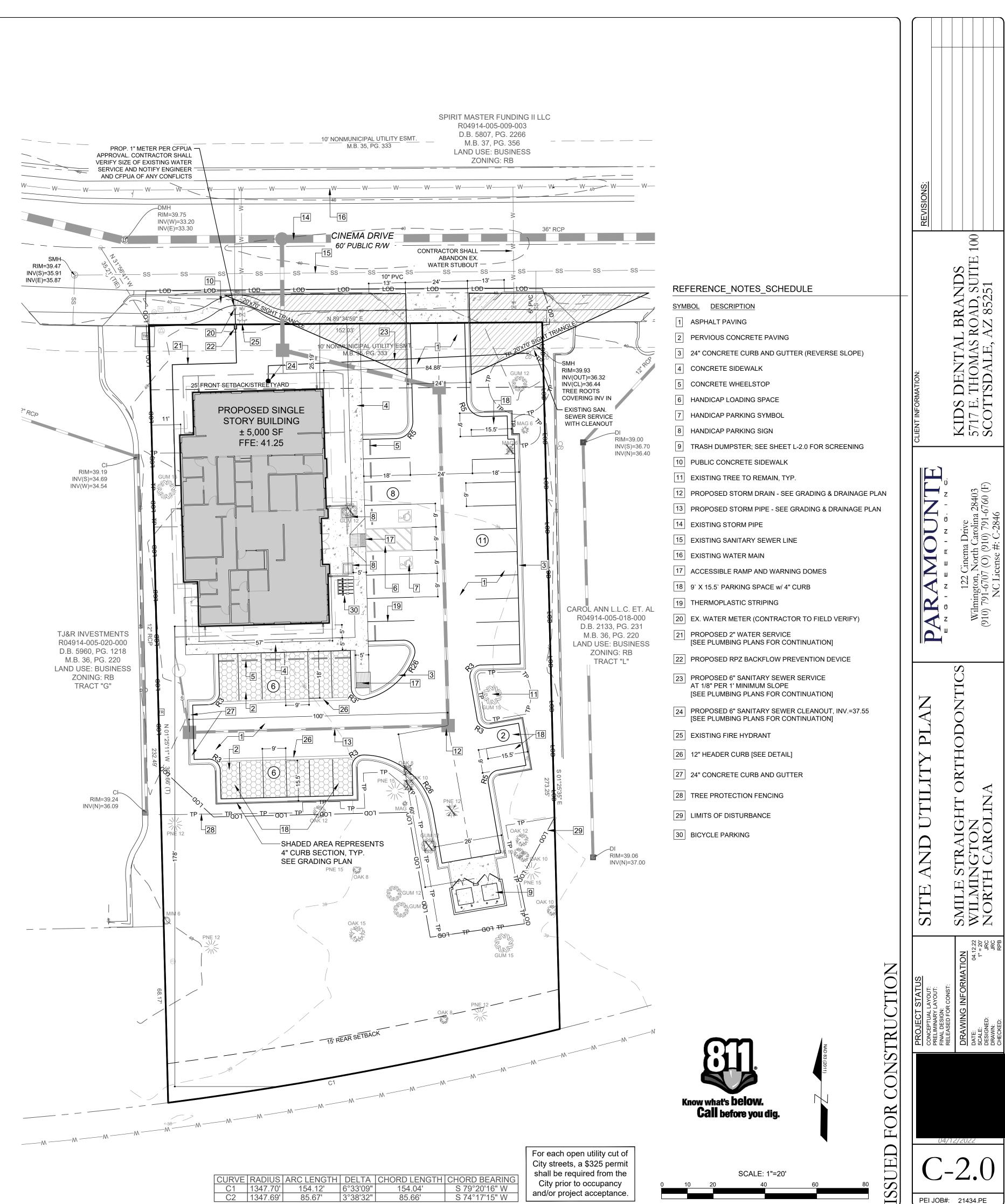
CURRENT OWNER: UPSIDE REAL ESTATE GROUP DEED BOOK 6458, PAGE 652 PID: R04914-005-019-000 ADDRESS: 126 CINEMA DRIVE ZONING: RB-REGIONAL BUSINESS (PER NEW HANOVER COUNTY GIS)

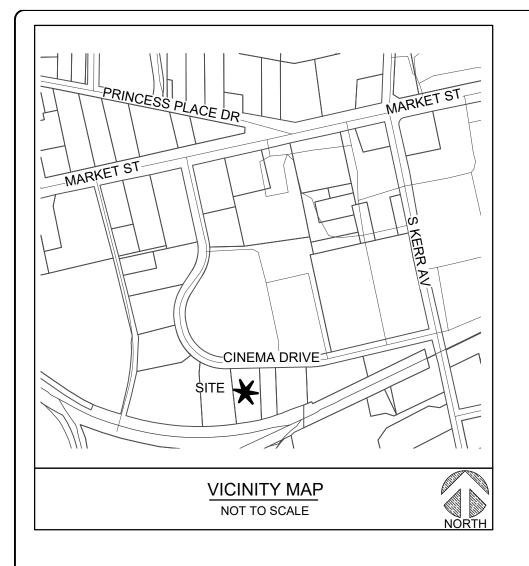
TOTAL AREA = 43,850 ± SQ.FT. OR 1.01 ± ACRES

CAMA LAND USE CLASSIFICATION: URBAN SOIL TYPE: SEAGATE FINE SAND









# NOTES:

1.) ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF WILMINGTON AND NEW HANOVER COUNTY STANDARDS AND SPECIFICATIONS.

2.) A GEOTECHNICAL ENGINEER SHALL BE CONSULTED TO CONFIRM SUITABILITY OF SUBGRADE MATERIAL AND PROPER COMPACTION IN FILL AREAS.

3.) SEE SHEET C-0.1 GENERAL NOTES FOR FURTHER INFORMATION.

# NOTATION:

тс	= TOP OF CURB ELEVATION	BC	= BOTTOM OF CURB (GUTTER) ELEVATION
DI	= DROP INLET	PG	= PROPOSED GRADE
ΗP	= HIGH POINT ELEVATION	LP	= LOW POINT ELEVATION
SW	= SIDEWALK ELEVATION	MH	= STORM MANHOLE
YD	= YARD DRAIN	FFE	= FINISH FLOOR ELEVATION
RD*	= ROOF DRAIN CONNECTION*	PAD	= DUMPSTER PAD ELEVATION
*PR	OVIDE IN-LINE CLEANOUT AND CONNECTIO	ON TO DO	WNSPOUT - SEE ARCHITECTURAL & PLUMBING PLANS FOR DOWNSPOUT
CON	INECTIONS.		
AS	PHALT AREA NOTE:		

1.) SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED SUBGRADE, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

# BUILDING PAD NOTE:

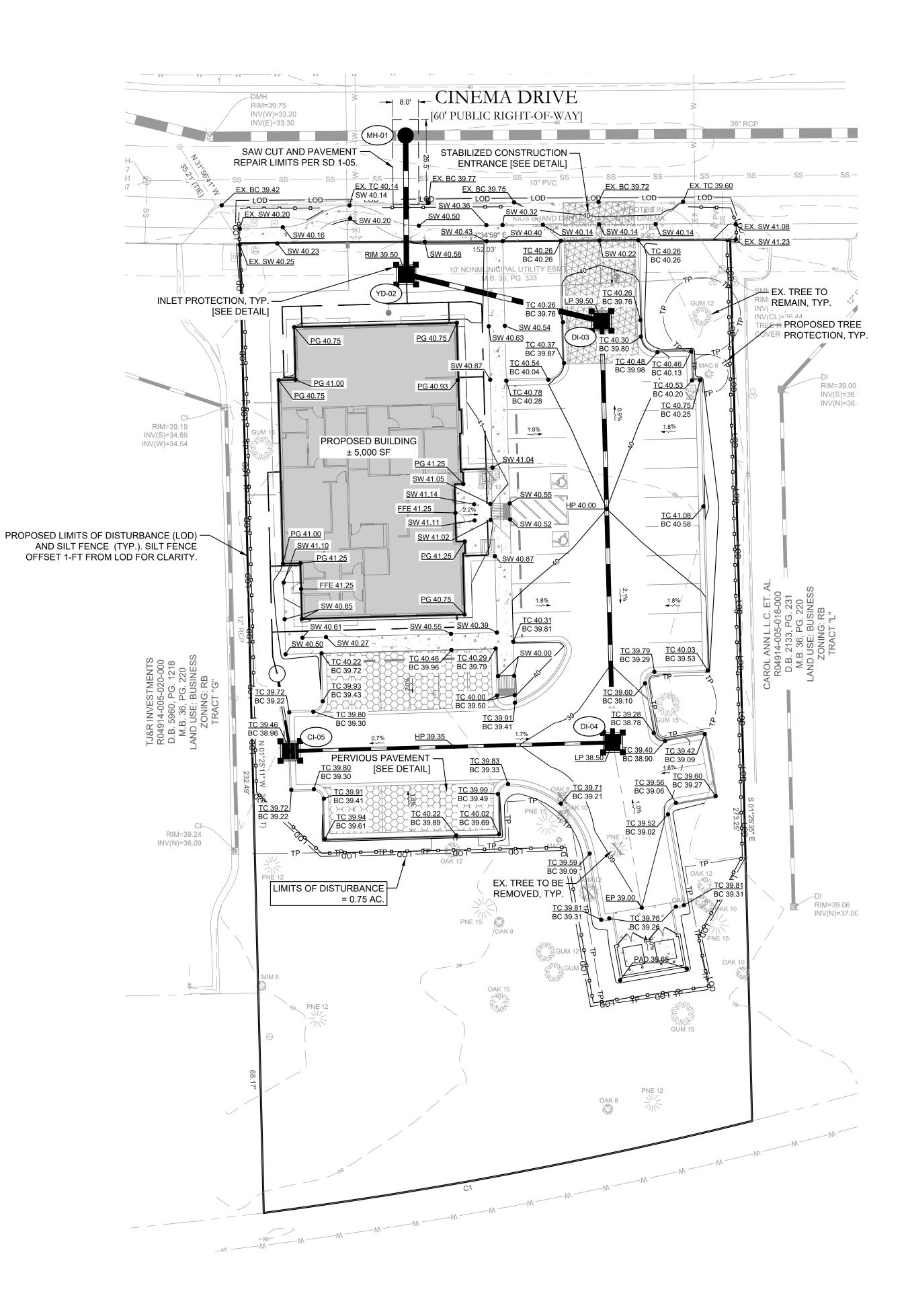
1.) SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

# DRAINAGE NOTES:

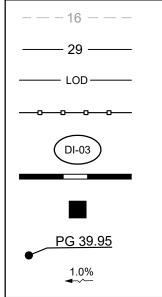
- 1.) STORMWATER SYSTEM MAINTENANCE IS THE RESPONSIBILITY OF THE DEVELOPER, INCLUDING PIPES AND DRAINAGE STRUCTURES.
- 2.) ALL ON-SITE IMPERVIOUS MUST DRAIN TO THE DESIGNED STORMWATER SYSTEM, PER THE APPROVED PLANS.
- 3.) ALL STORM DRAINAGE STRUCTURES SHALL MEET NCDOT STANDARDS AND SPECIFICATIONS AND SHALL BE TRAFFIC RATED FOR H-20 LOADS AT A MINIMUM.
- 4.) ALL CATCH BASIN (CB) RIM ELEVATIONS ARE LISTED AS THE "GUTTER OF FLOWLINE ELEVATION" WITHIN THE CURB SECTION. THE CONTRACTOR SHALL MAINTAIN A UNIFORM EDGE OF PAVEMENT (EOP) WHEN PLACING THE STORM INLETS WITHIN THE CURB-LINE (SEE "CURB TRANSITION" DETAIL).
- 5.) MANHOLE RIM ELEVATIONS SHOWN ARE FLUSH WITH PROPOSED GRADE. CONTRACTOR SHALL PROVIDE 6" CLEARANCE ABOVE PROPOSED GRADE WHEN PLACED IN A GRASS/PERVIOUS AREA; AND A FLUSH CONDITION WITH PROPOSED PAVEMENT OR IMPERVIOUS COVER.
- 6.) PROPOSED BUILDINGS SHALL DIVERT ROOF DRAINAGE TO STORMWATER COLLECTION SYSTEM.
- 7.) CONTRACTOR SHALL ADJUST ALL FRAMES OF EX. UTILITY INFRASTRUCTURE WITHIN ASPHALT OVERLAY AREAS TO MATCH PROPOSED GRADES.
- 8.) THE CONTRACTOR SHALL USE EITHER RCP (CL. III) OR HDPE PIPE FOR THE STORM DRAINAGE SYSTEM. IF THE CONTRACTOR CHOOSES TO USE HDPE PIPE, IT SHALL BE ADS N-12 WT STORM PIPE OR APPROVED EQUAL AND SHALL BE INSTALLED TO MANUFACTURER SPECIFICATIONS.

# STORM SCHEDULE:

Upstream Node	Downstream Node	Diameter (In)	Upstream Invert	Downstream Invert	Pipe Length (ft)	Slope (%)	Upstream Rim Elev	Downstream Rim Elev
YD-02	MH-01	18.00	33.58	33.47	43	0.25	39.50	40.00
DI-03	YD-02	18.00	33.74	33.58	62	0.25	39.50	39.50
DI-04	DI-03	15.00	34.07	33.74	131	0.25	38.50	39.50
CI-05	DI-04	12.00	34.32	34.07	100	0.25	38.96	38.50

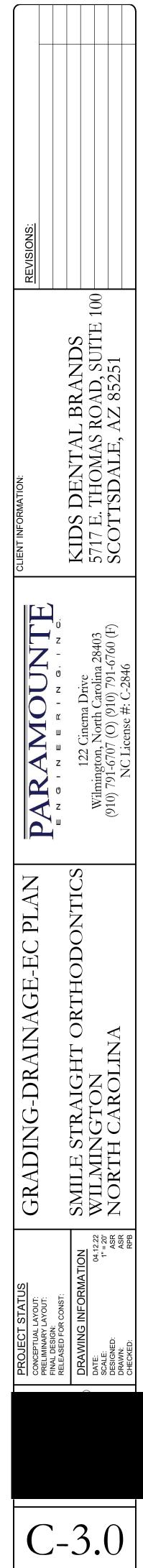


# LEGEND:



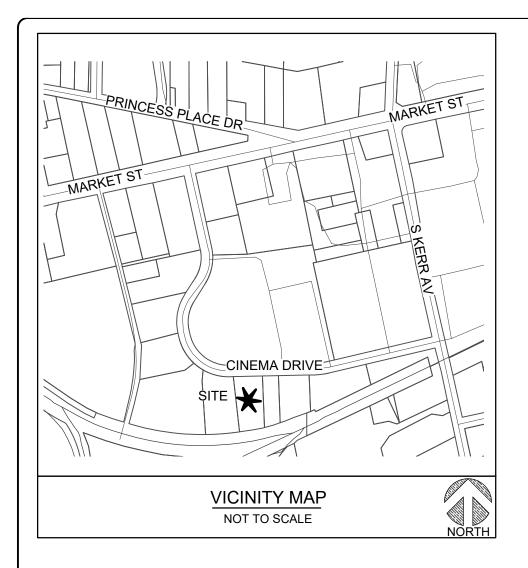
EXISTING CONTOUR
PROPOSED CONTOUR
LIMITS OF DISTURBANCE
SILT FENCE
DRAINAGE STRUCTURE LABEL
PROPOSED STORM PIPE
PROPOSED STORM STRUCTURE
SLOPE LABEL
ELEVATION LABEL





PEI JOB#: 21434.PE

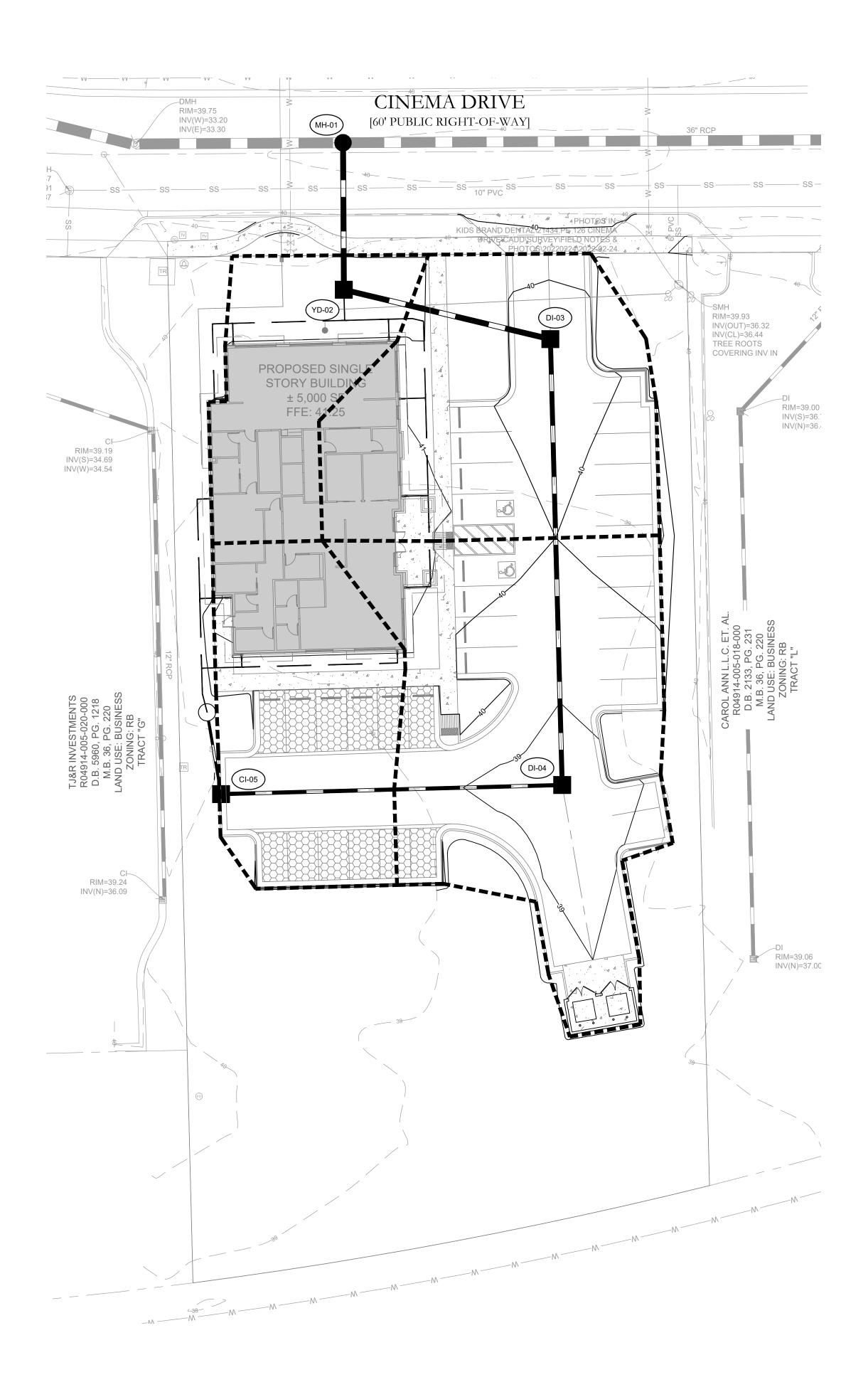
For each open utility cut City streets, a \$325 pern shall be required from th City prior to occupancy and/or project acceptance	nit SWP #: 2022019 . ne PO, CW, ES, MB, BM	STRUCTION	PROJECT STATUS CONCEPTUAL LAYOUT:
Date	Willing   Public Services   • Engineering Division   PROVED STORMWATER MANAGEMENT PLAN   e:Permit #   Know what's below. Call before you dig.	FOR CONST	
Sigr	GRAPHIC SCALE <u>0 10 20 40 80</u>	SUED	(
	SCALE: 1"=20'	IS	PEI



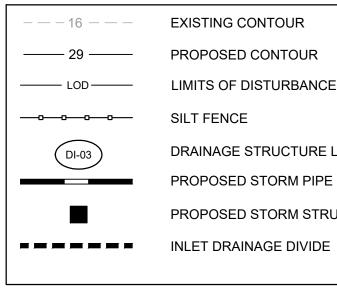
# INLET DA TABLE:

# SMILE STRAIGHT ORTHODONTICS

Drainage Areas					
UPSTREAM STRUCTURE	SUB DA (AC)	RUNOFF COEF.			
YD-02	0.08	0.58			
DI-03	0.16	0.78			
DI-04	0.22	0.85			
CI-05	0.11	0.83			



# LEGEND:

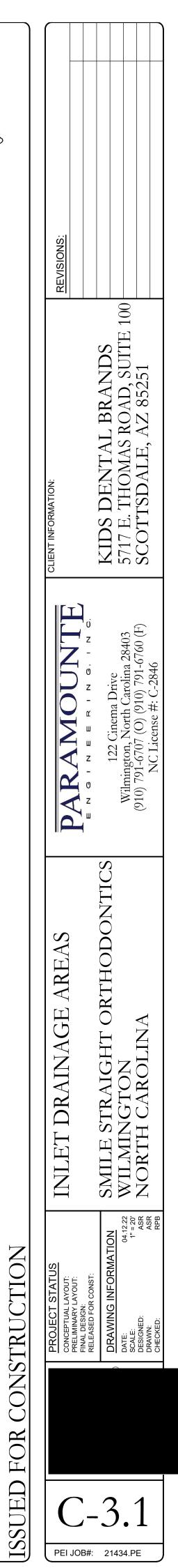


# EXISTING CONTOUR PROPOSED CONTOUR LIMITS OF DISTURBANCE

SILT FENCE

DRAINAGE STRUCTURE LABEL PROPOSED STORM PIPE

PROPOSED STORM STRUCTURE



For each open utility cut of
City streets, a \$325 permit
shall be required from the
City prior to occupancy
and/or project acceptance.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

W		NGTON NORTH CAROLINA
Public	Services	Engineering Division
APPROVED	STORMWA	TER MANAGEMENT PLAN
)ate:	Perm	nit #
Signed:		

Approved Construction Plan Date: 4/13/22

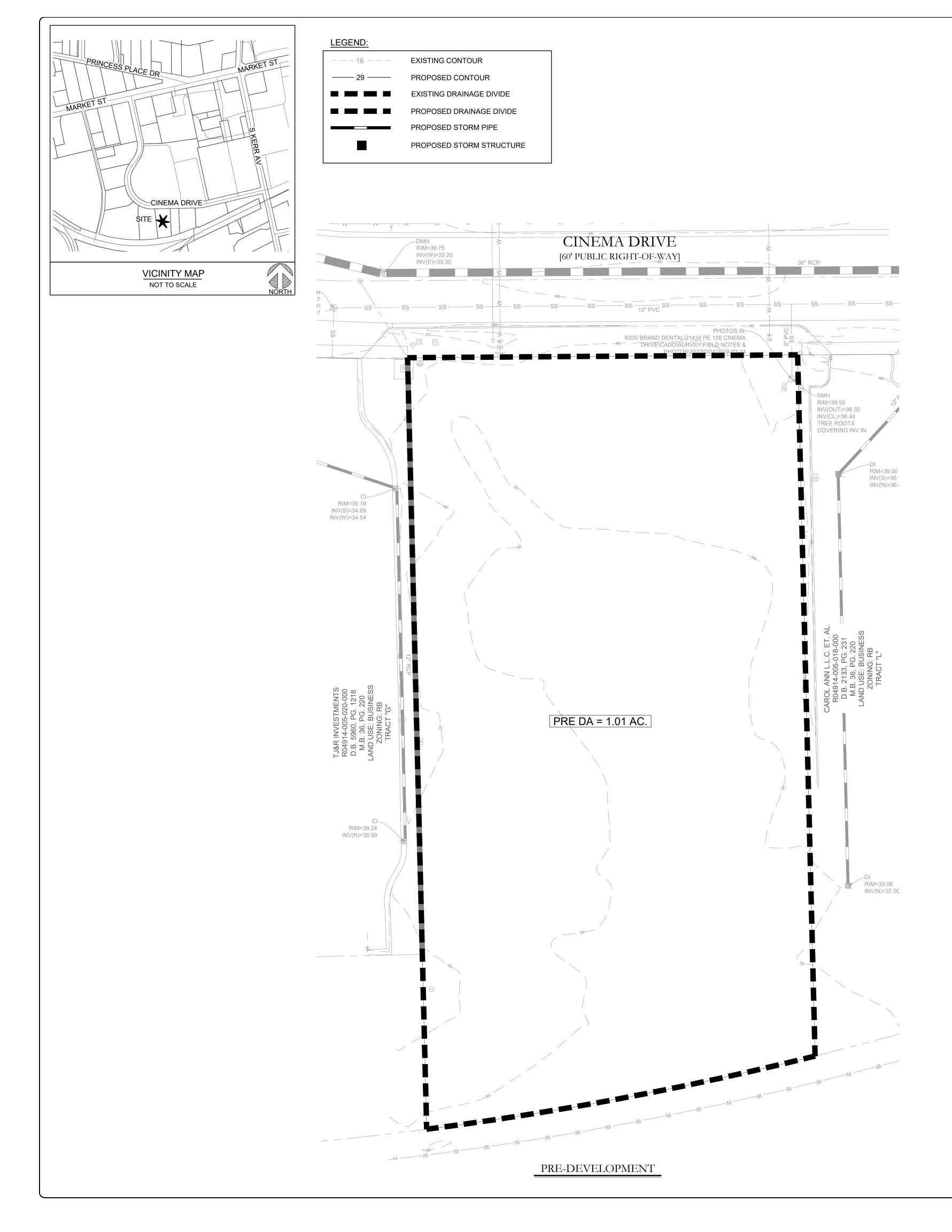
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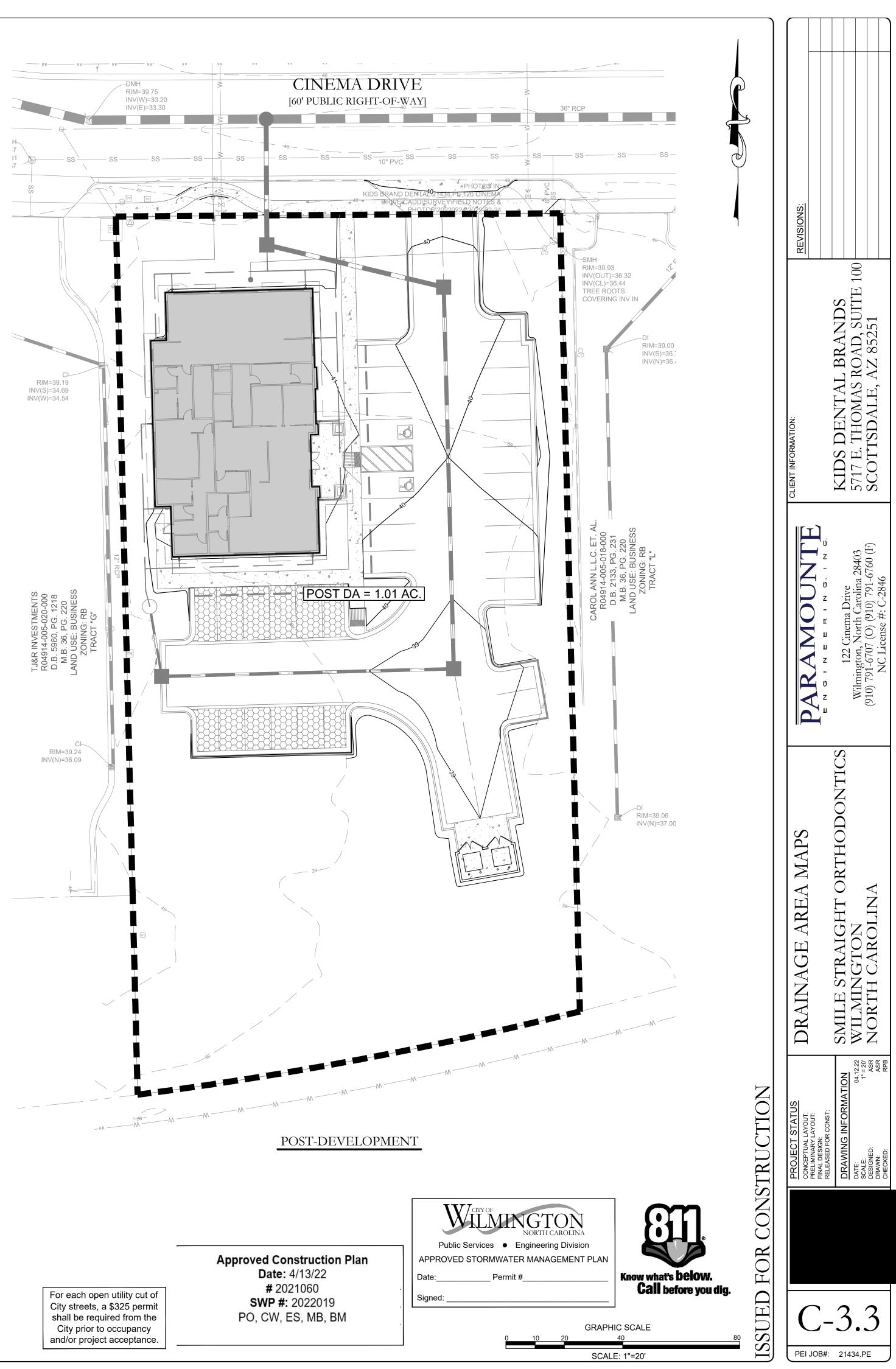
SWP #: 2022019 PO, CW, ES, MB, BM

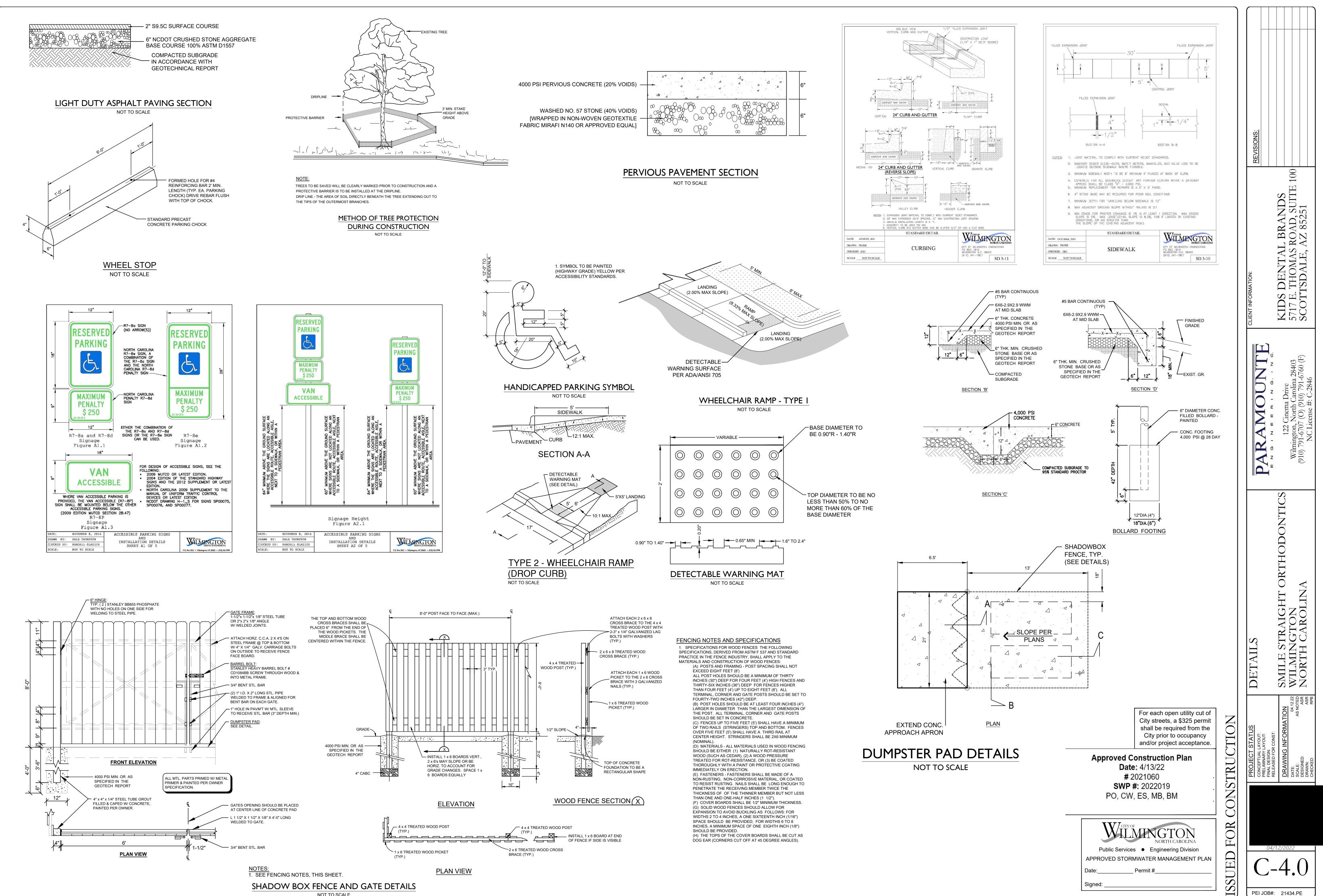


GRAPHIC SCALE

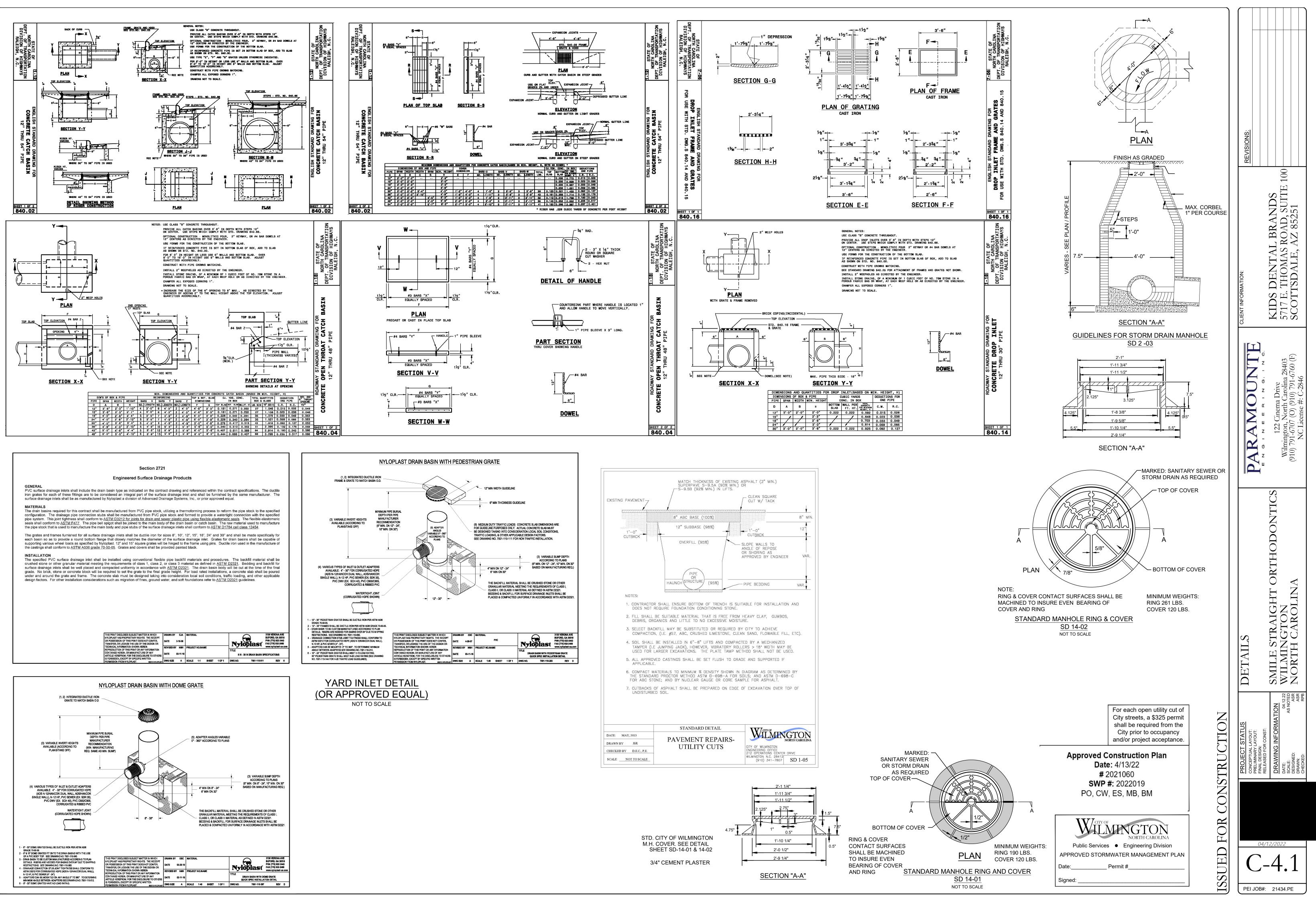
SCALE: 1"=20'

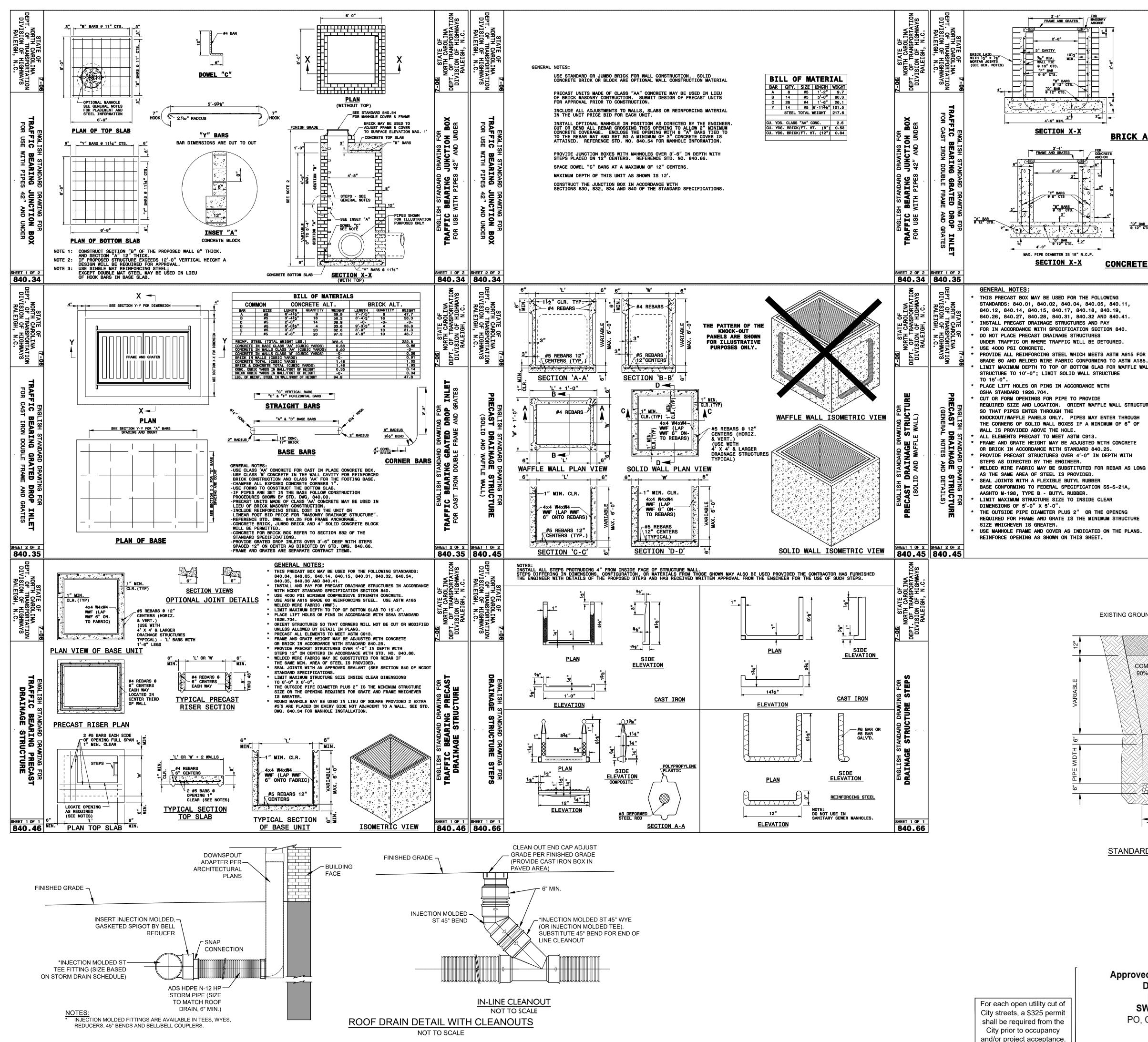




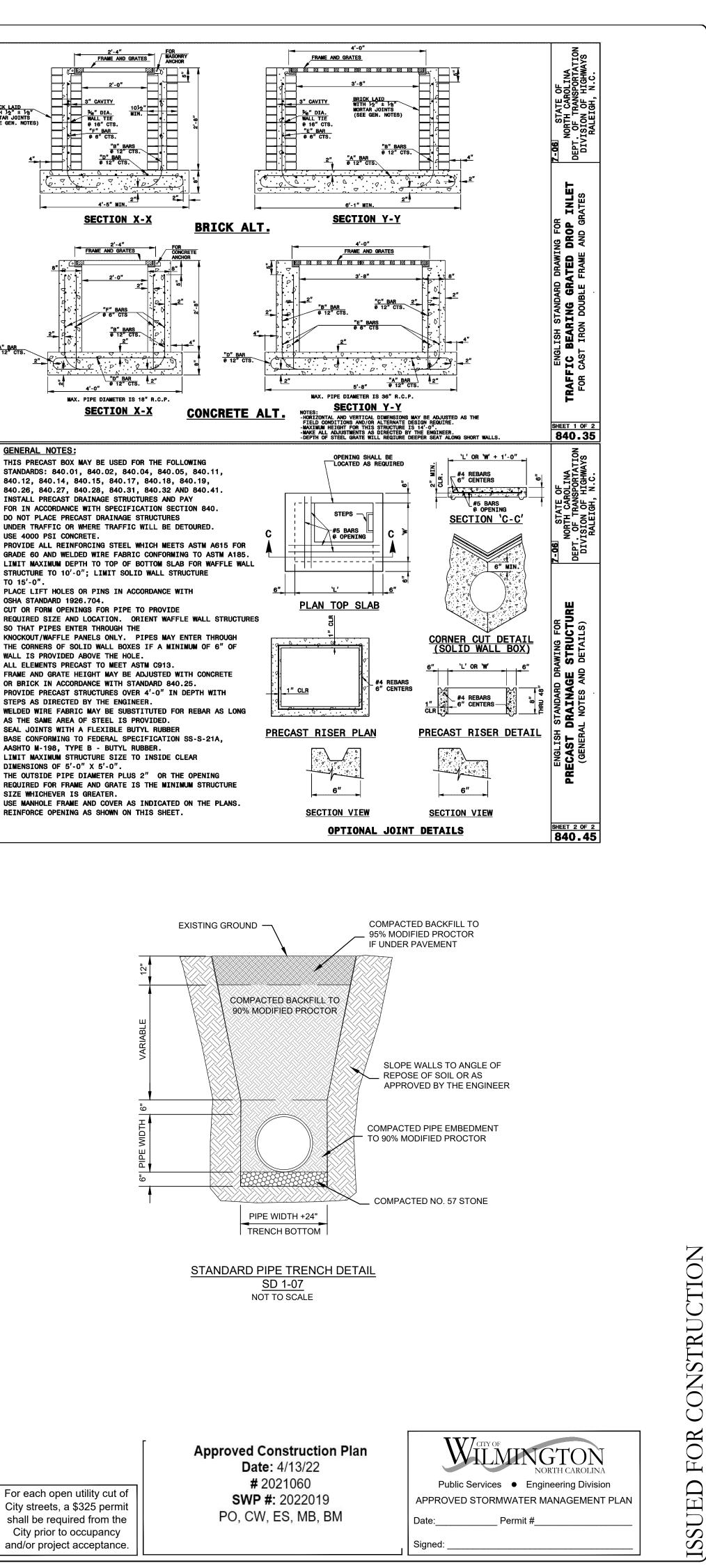


NOT TO SCALE

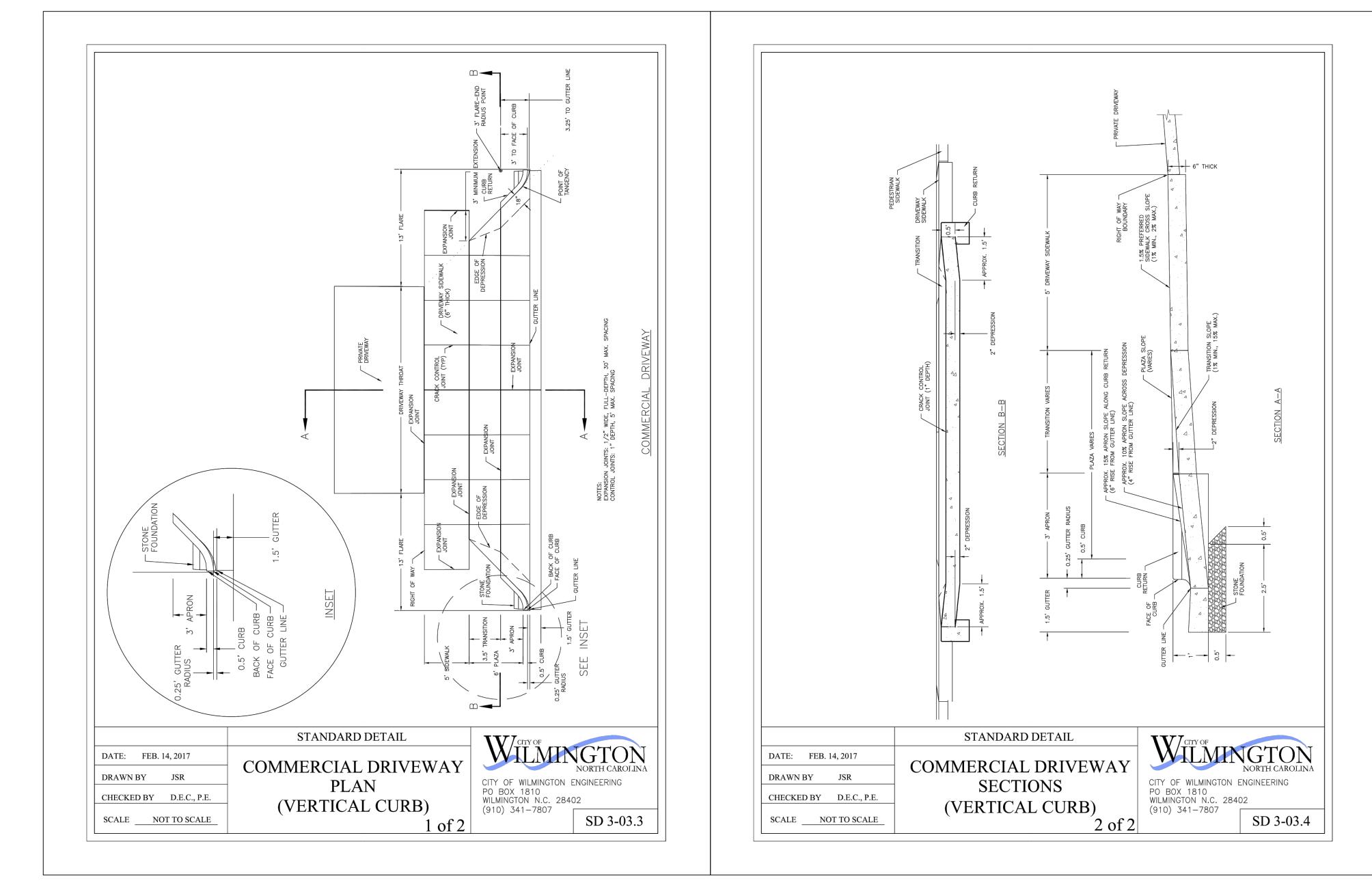


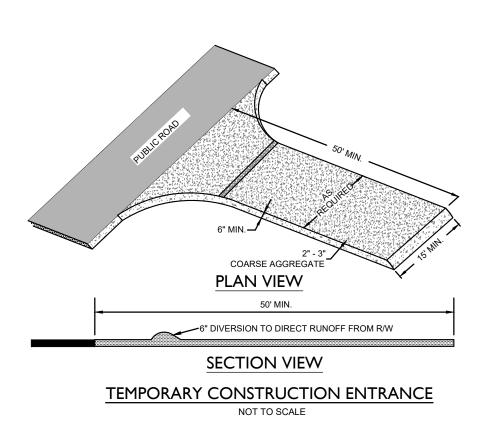


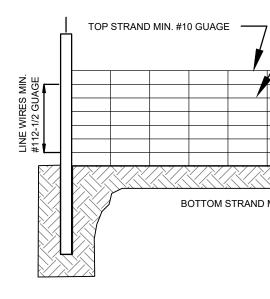
City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

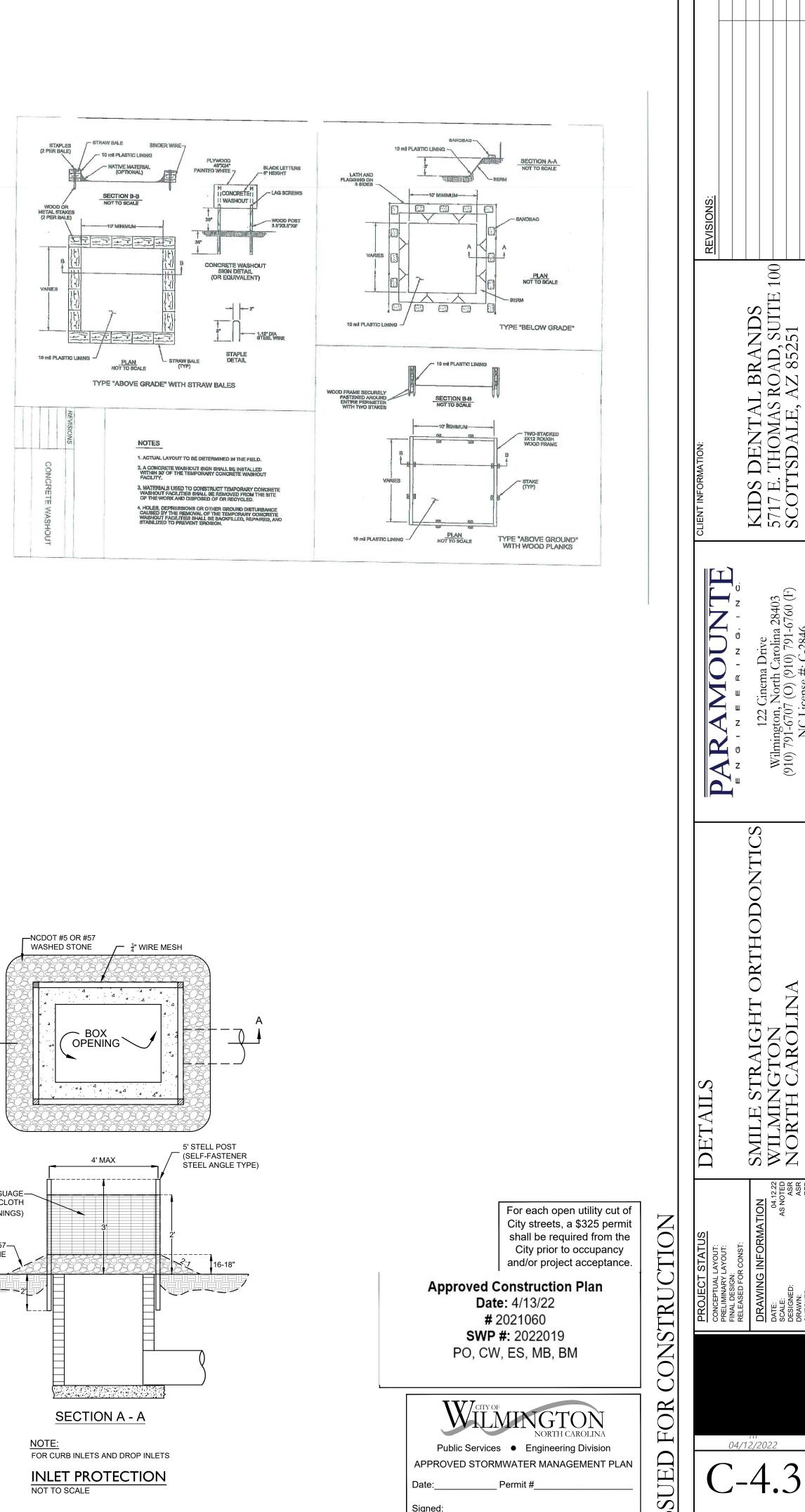


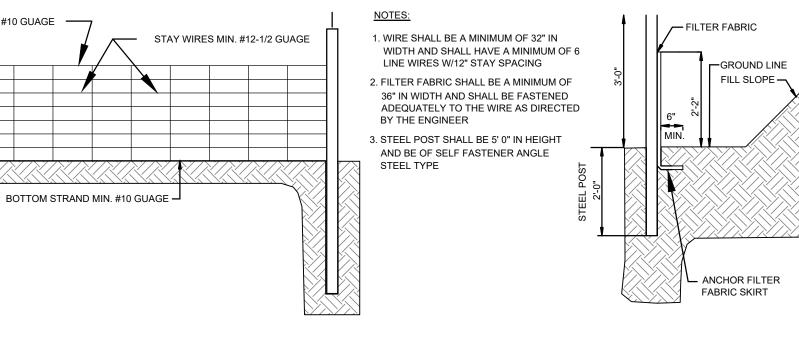
REVISIONS:	
CLIENT INFORMATION:	KIDS DENTAL BRANDS 5717 E. THOMAS ROAD, SUITE 100 SCOTTSDALE, AZ 85251
	122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846
DETAILS	SMILE STRAIGHT ORTHODONTICS WILMINGTON NORTH CAROLINA
PROJECT STATUS CONCEPTUAL LAYOUT: PRELIMINARY LAYOUT: FINAL DESIGN: RELEASED FOR CONST:	DRAWING INFORMATIONDATE:04.12.22DATE:04.12.22SCALE:ASNOTEDDESIGNED:ASRDESIGNED:ASRDRAWN:ASRCHECKED:RPB
C-	- <b>4.</b> 2

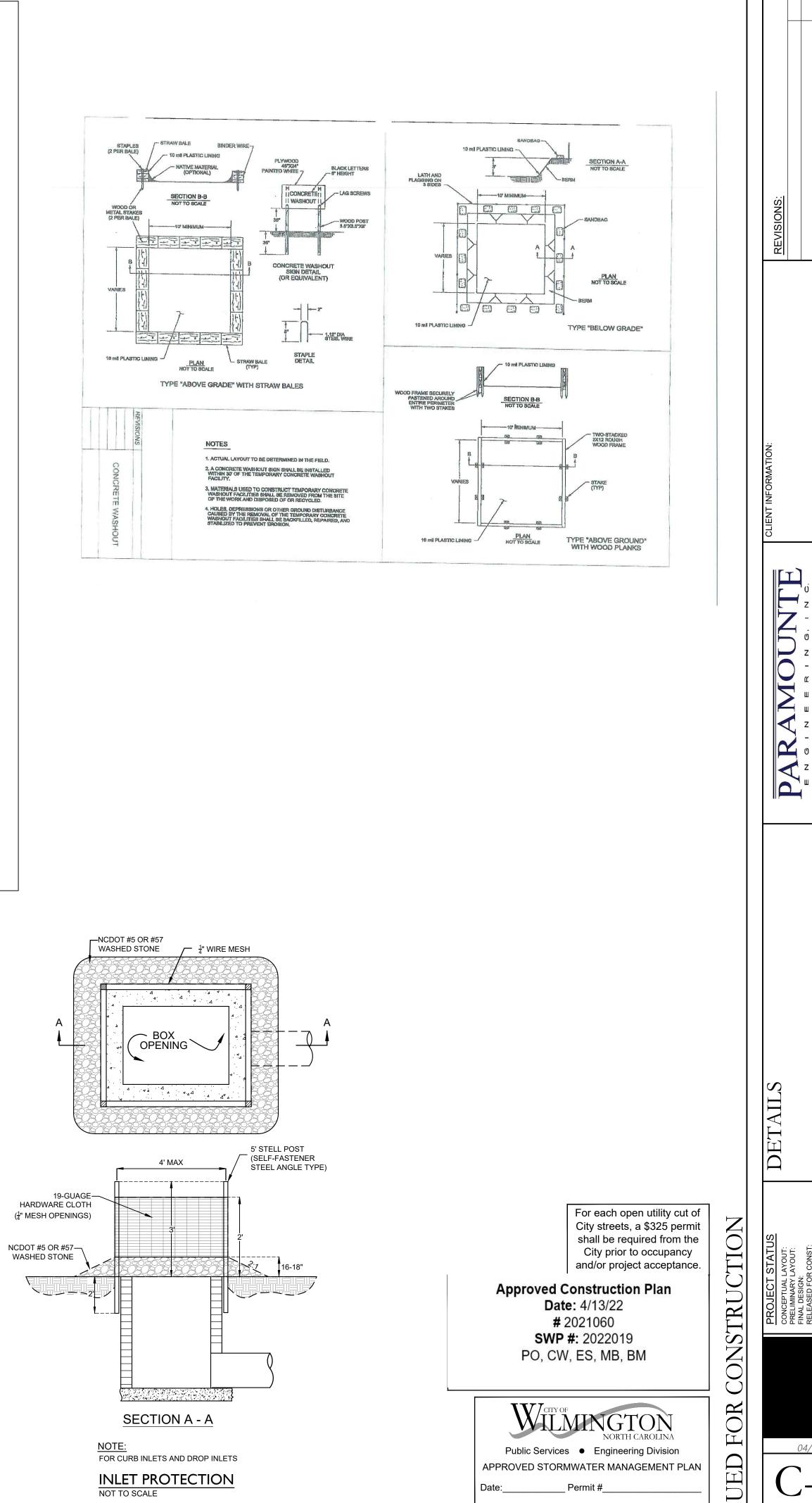












GUIDELINES FOR TEMPORARY SILT FENCE DETAIL NOT TO SCALE

PEI JOB#: 21434.PE

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28403 6760 (F)

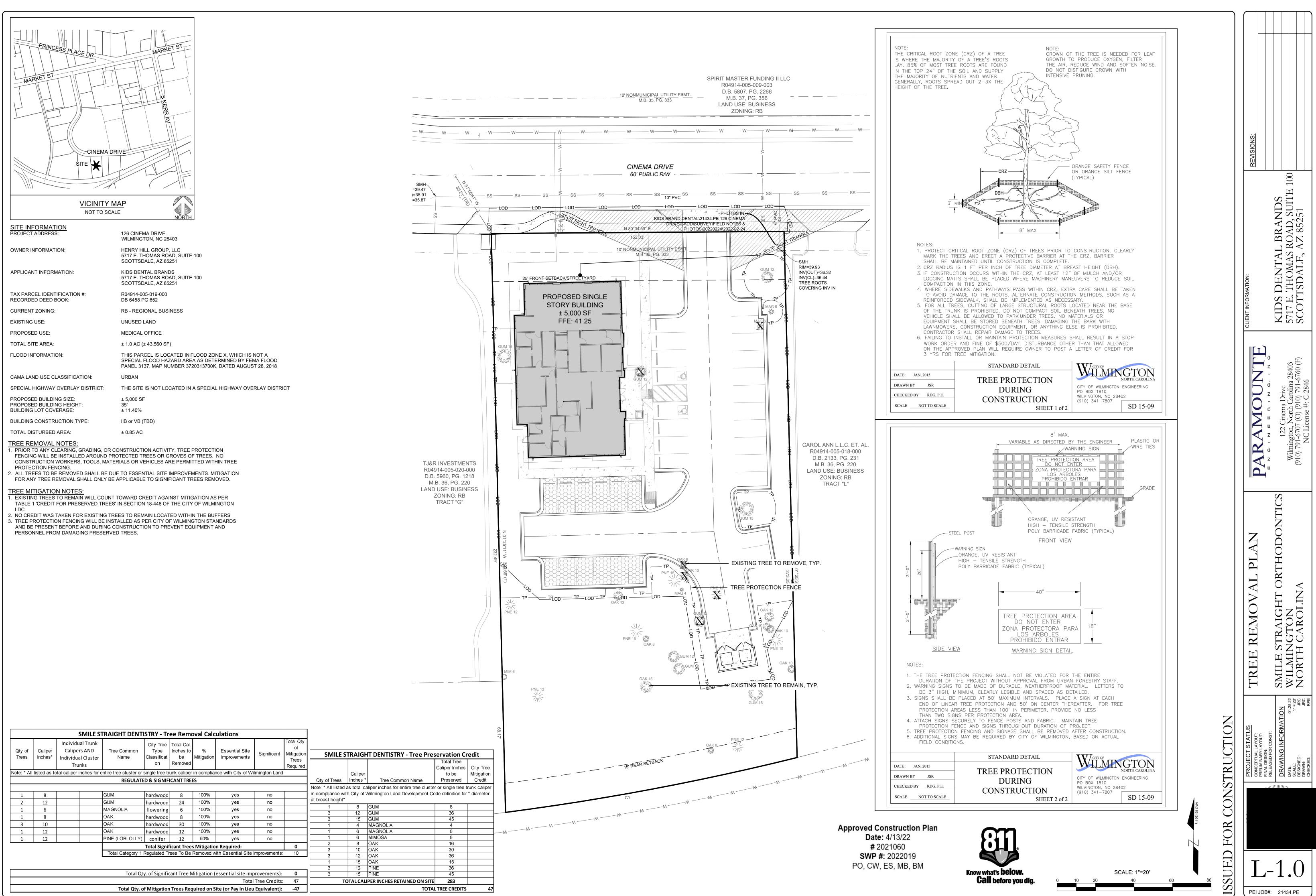
<u></u>

Wilming (910) 791.

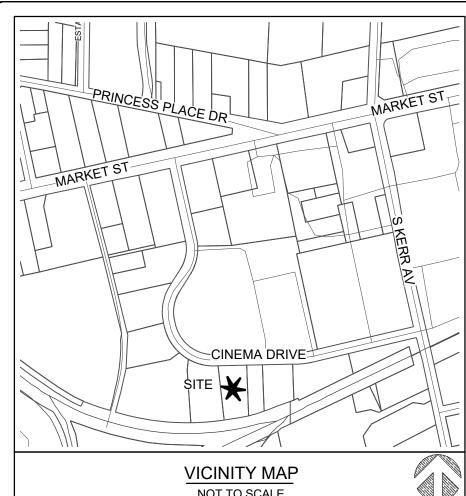
12.22 DTED ASR ASR RPB

**Z** 4 Z

Signed:



1		
3		
3	0	Total Qty. of Significant Tree Mitigation (essential site improvements):
TOTAI	47	Total Tree Credits:
	-47	Total Oty of Mitigation Trees Required on Site (or Pay in Lieu Equivalent):



PLANT SCHE	DULE			
CANOPY TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
and the second s	NO	14	QUERCUS NUTTALLII NUTTALL OAK	2.5" CAL - 8` H
and the second s	LO	6	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	2.5" CAL - 8` H
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER
$\bigcirc$	DYH	96	ILEX VOMITORIA `NANA` DWARF YAUPON	12" H MIN.
÷	NFP	42	NANDINA DOMESTICA `FIRE POWER` FIREPOWER NANDINA	12" H MIN.
$\overline{(\cdot)}$	POD	15	PODOCARPUS M. MAKI SHRUBBY YEW PODOCARPUS	4` HT

#### $\bigcirc$ NOT TO SCALE IÕŔŤ SITE INFORMATION PROJECT ADDRESS: 126 CINEMA DRIVE WILMINGTON, NC 28403 OWNER INFORMATION: HENRY HILLS GROUP, LLC 5717 E. THOMAS ROAD, SUITE 100 SCOTTSDALE, AZ 85251 KIDS DENTAL BRANDS APPLICANT INFORMATION: 5717 E. THOMAS ROAD. SUITE 100 SCOTTSDALE, AZ 85251 TAX PARCEL IDENTIFICATION #: R04914-005-019-000 RECORDED DEED BOOK: DB 6458 PG 652 CURRENT ZONING: **RB - REGIONAL BUSINESS** EXISTING USE: UNUSED LAND PROPOSED USE: MEDICAL OFFICE TOTAL SITE AREA: ± 1.0 AC (± 43,560 SF) FLOOD INFORMATION: THIS PARCEL IS LOCATED IN FLOOD ZONE X, WHICH IS NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEMA FLOOD PANEL 3720313700K, DATED AUGUST 28, 2018 CAMA LAND USE CLASSIFICATION: URBAN SPECIAL HIGHWAY OVERLAY DISTRICT: THE SITE IS NOT LOCATED IN A SPECIAL HIGHWAY OVERLAY DISTRICT PROPOSED BUILDING SIZE: ± 5,000 SF PROPOSED BUILDING HEIGHT: BUILDING LOT COVERAGE: ± 11.40% STREETYARD LANDSCAPING (18-477) STREETYARD FACTOR: 25 <u>REQUIRED</u> PROVIDED CINEMA DRIVE - 127' (152' FRONTAGE - 25' DRIVE) 25 X 127 LF = 3,175 SF 3,175 SF 3,175 / 600 = 5.29 1 TREE / 600 SF = 6 TREES 6 TREES 6 SHRUBS / 600 SF = 36 SHRUBS 36 SHRUBS IMPERVIOUS SURFACE (SIDEWALK) 15% MAX (476 SF) 4% (125 SF) NOTE: SHRUBS IN STREETYARD SHALL BE 12" H. MIN. AT TIME OF PLANTING INTERIOR AREA LANDSCAPING (18-481) 20% INTERIOR SHADING REQUIRED CREDIT FOR CANOPY TREES = 707 SF <u>REQUIRED</u> PROVIDED INTERIOR SHADING REQUIRED 2,710 SF 13,550 SF VEHICULAR AREA \* 20% CANOPY TREES PROVIDED 9,898 SF 14 TREES \* 707 SF TOTAL INTERIOR SHADING PROVIDED = 9,898 SF (67%) PERIMETER LANDSCAPING (18-482) 1 TREE REQUIRED / 27 LF PROVIDED REQUIRED EAST SIDE (130 CINEMA DRIVE) 6 TREES 6 TREES 170 LF / 27 WEST SIDE (122 CINEMA DRIVE) 2 TREES 2 TREES 58.5 LF / 27 FOUNDATION PLANTING (18-490) PROVIDED <u>REQUIRED</u> SOUTH BUILDING FACE 50 x 16 x 12% 96 SF 200 SF EAST BUILDING FACE 173 SF 280 SF 90 x 16 x 12% OVERALL SITE TREE PLANTING REQUIREMENTS 15 TREES / ACRE REQUIRED REQUIRED 15 TREES PROVIDED 1.0 AC X (15) 2.5" TREES / AC <u>0 TREES</u> 15 TOTAL REQUIRED MITIGATION TREES TREE PLANTING (BUFFER, STREETYARD, PARKING LOT) 27 TREES RETAINED TREE CREDIT 47 TREES 74 TREES TOTAL

GENERAL NOTES:

- 1. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/ OR NCDOT STANDARDS.
- 2. ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.
- 3. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT OF WAY ARE TO BE MAINTAINED BY
- THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS. 4. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE
- A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET.
   ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
   A LANDSCAPE PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND PARKS AND RECREATION
- DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAT. 8. CONTACT 811 PRIOR TO CONTACTING CITY OF WILMINGTON, TRAFFIC ENGINEERING REGARDING THE UTILITIES IN RIGHT OF WAY.
- 9. THERE WILL BE NO SOLID WASTE DISPOSAL ON SITE
- 10. CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL
- TIMES DURING CONSTRUCTION 11. LANDSCAPING OR PARKING CANNOT BLOCK OR IMPEDE THE FDC OR FIRE HYDRANTS. A 3-FOOR CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC
- ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT
- 13. CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY FOR ALL COMMERCIAL BUILDINGS
- THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET SECTION 510 REQUIREMENTS OF THE 2018 NC FIRE CODE
  14. NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE

SIGHT DISTANCE TRIANGLES: IN ORDER TO MAINTAIN AN ACCEPTABLE AND SAFE LINE OF SIGHT FOR MOTOR VEHICLE DRIVERS, NO PARKING SPACES, FENCES, WALLS, POSTS, LIGHTS, SHRUBS, TREES OR OTHER TYPE OF OBSTRUCTIONS NOT SPECIFICALLY EXEMPTED SHALL BE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND ABOVE GROUND LEVEL AND TEN (10) FEET ABOVE GROUND LEVEL WITHIN THE TRIANGULAR SIGHT DISTANCE.

THE FOLLOWING SIGHT DISTANCE TRIANGLE IS SHOWN ON THE PLAN:

<u>CITY OF WILMINGTON (SEC. 18-812)</u> AT THE INTERSECTION OF A STREET WITH A DRIVEWAY DETERMINED BY MEASURING A DISTANCE OF TWENTY (20) FEET ALONG THE SIDE OF SAID DRIVEWAY AT THE PROPERTY LINE AND SEVENTY (70) FEET ALONG THE CURB LINE OF THE STREET

FIRE & LIFE SAFETY NOTES: 1. CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING

- CONSTRUCTION 2. LANDSCAPE OR PARKING CANNOT BLOCK OR IMPEDE FIRE HYDRANTS. A 3-FOOT CLEAR SPACE SHALL BE
- MAINTAINED AROUND THE CIRCUMFERENCE OF HYDRANTS 3. ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY
- SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT 4. CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY FOR ALL COMMERCIAL BUILDINGS THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREME
- DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF SECTION 510 OF THE 2018 NC FIRE CODE

