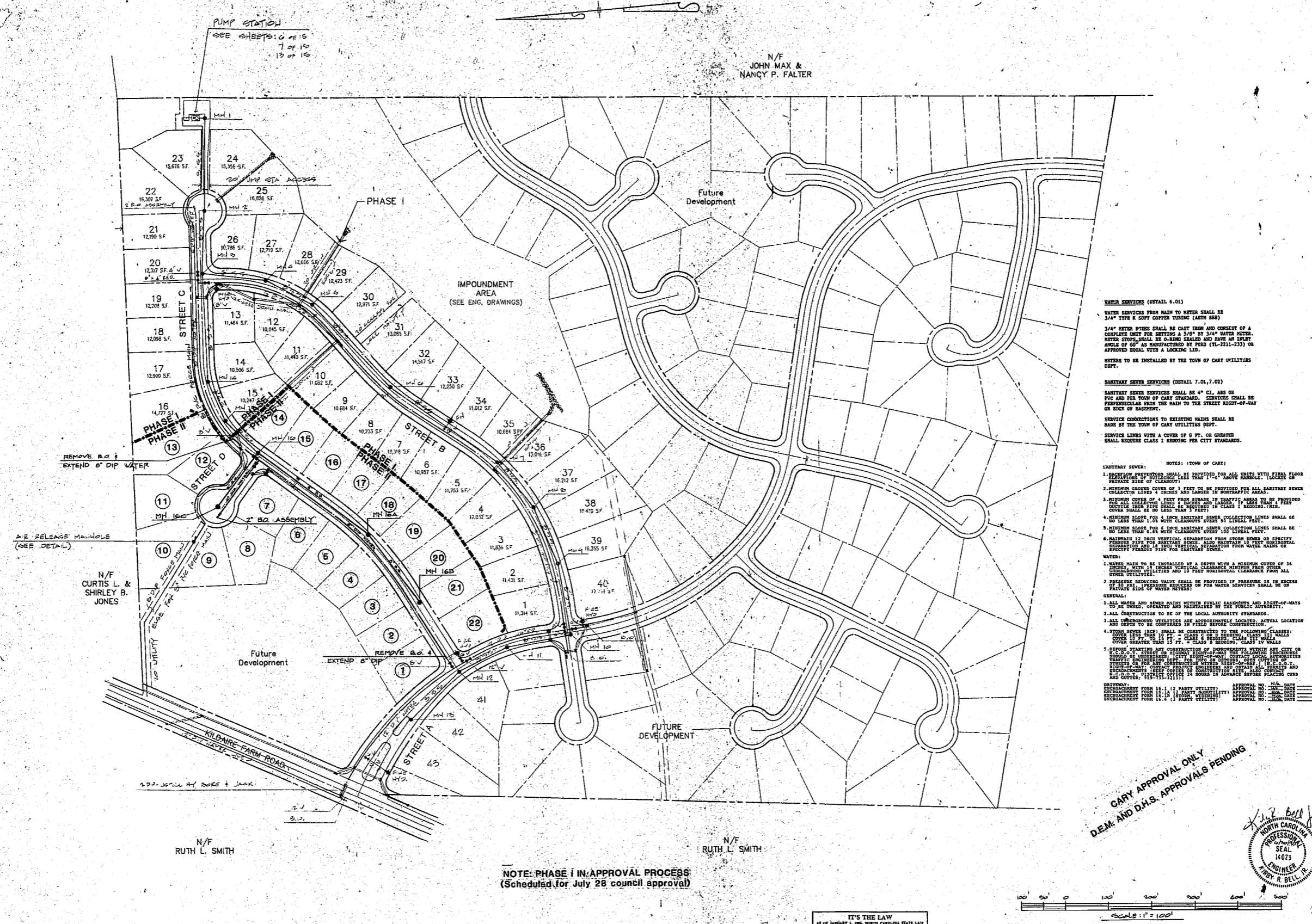


NO.	DATE	REVISIONS
1	11/14/10	DATE
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43	11/14/10	DATE

PHASE TWO LANGSTON SUBDIVISION
OSELLE CREEK TOWNSHIP, WAKE COUNTY, N. C.
DEVELOPER: COMMUNITY PROPERTIES, INC.



WATER SERVICES (DETAIL 6.01)
WATER SERVICES FROM MAIN TO METER SHALL BE 3/4" WITH 8' SOFT COVER TUBING (4" MIN). LOCATE OF 3/4" WATER SERVICE SHALL BE CAST IRON AND CONSIST OF A COMPLETE SET FOR SETTING A 3/4" BY 3/4" WATER METER. WATER STOP SHALL BE 6-LINE SEALED AND HAVE AN UPRIGHT ANGLE OF 60° AS MANUFACTURED BY FORD (F-211-33) OR APPROVED EQUAL WITH A LOCKING LID.
METERS TO BE INSTALLED BY THE TOWN OF CARY UTILITIES DEPT.

SANITARY SEWER SERVICES (DETAIL 7.01, 7.02)
SANITARY SEWER SERVICES SHALL BE 4" CI, ABS OR PVC AND PER TOWN OF CARY STANDARD. SERVICES SHALL BE PERPENDICULAR FROM THE MAIN TO THE STREET RIGHT-OF-WAY OR EDGE OF EASEMENT.
SERVICE CONNECTIONS TO EXISTING MAINS SHALL BE MADE BY THE TOWN OF CARY UTILITIES DEPT.
SERVICE LINES WITH A COVER OF 8 FT. OR GREATER SHALL REQUIRE CLASS 2 RENOUGH PER CITY STANDARDS.

NOTES: (TOWN OF CARY)

SANITARY SEWER:

1. EXISTING SANITARY SEWER SHALL BE PROVIDED FOR ALL LOTS WITH FINAL FLOOR FINISHED FLOOR OF CLEARANCE LESS THAN 1' ABOVE FINISHED GRADE OR 2. MINIMUM COVER OF 4' FEET TO BE PROVIDED FOR ALL SANITARY SEWER COLLECTION LINES 4" THROUGH 18" IN DIAMETER IN NON-TRAFFIC AREAS.
2. MINIMUM COVER OF 4' FEET FROM GRADE IS REQUIRED NEAR TO BE PROVIDED FOR ALL COLLECTION LINES 4" THROUGH 18" IN DIAMETER IN TRAFFIC AREAS. MINIMUM COVER SHALL BE 5' FROM GRADE IN TRAFFIC AREAS.
3. MINIMUM SLOPE FOR 4" THROUGH 18" SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 1/8" WITH CLEARANCE EVERY 50' LINEAL FEET.
4. MAINS ARE TO BE PROVIDED WITH 12" MINIMUM COVER AND 10' MINIMUM CLEARANCE FROM ALL UNDERGROUND UTILITIES AND 10' HORIZONTAL CLEARANCE FROM ALL OVERHEAD UTILITIES AND 10' HORIZONTAL CLEARANCE FROM ALL PRIVATE SIDE OF WATER RETENTION.
5. PRESSURE REDUCING VALVE SHALL BE PROVIDED IF PRESSURE IS IN EXCESS PRIVATE SIDE OF WATER RETENTION.

GENERAL:

1. ALL MAINS AND SEWER LINES WITHIN PUBLIC EASEMENTS AND RIGHT-OF-WAY TO BE CONSTRUCTED TO BE OF THE LOCAL AUTHORITY STANDARD.
2. ALL UNDERGROUND UTILITIES ARE TO BE PROTECTED AND LOCATED. ACTUAL LOCATION TO BE SHOWN ON THE PLAN.
3. STORM SEWER (S.S.) SHALL BE CONSTRUCTED TO THE FOLLOWING CLASSES:
COVER 18" TO 24" CLASS 2 RENOUGH CLASS 1 WALL
COVER 24" TO 36" CLASS 2 RENOUGH CLASS 1 WALL
COVER 36" TO 48" CLASS 2 RENOUGH CLASS 1 WALL
COVER 48" TO 60" CLASS 2 RENOUGH CLASS 1 WALL
4. BEFORE STARTING ANY CONSTRUCTION OF IMPROVEMENTS WITHIN ANY CITY OR TOWN, THE APPLICANT SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY.

WATER:

1. WATER MAIN TO BE INSTALLED AS A DUCT WITH A MINIMUM COVER OF 36" UNDER GRADE. 10' HORIZONTAL CLEARANCE FROM ALL UNDERGROUND UTILITIES AND 10' HORIZONTAL CLEARANCE FROM ALL OVERHEAD UTILITIES AND 10' HORIZONTAL CLEARANCE FROM ALL PRIVATE SIDE OF WATER RETENTION.
2. PRESSURE REDUCING VALVE SHALL BE PROVIDED IF PRESSURE IS IN EXCESS PRIVATE SIDE OF WATER RETENTION.

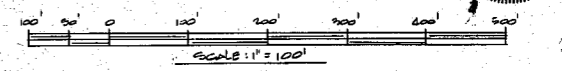
CONSTRUCTION:

1. ALL MAINS AND SEWER LINES WITHIN PUBLIC EASEMENTS AND RIGHT-OF-WAY TO BE CONSTRUCTED TO BE OF THE LOCAL AUTHORITY STANDARD.
2. ALL UNDERGROUND UTILITIES ARE TO BE PROTECTED AND LOCATED. ACTUAL LOCATION TO BE SHOWN ON THE PLAN.
3. STORM SEWER (S.S.) SHALL BE CONSTRUCTED TO THE FOLLOWING CLASSES:
COVER 18" TO 24" CLASS 2 RENOUGH CLASS 1 WALL
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4. BEFORE STARTING ANY CONSTRUCTION OF IMPROVEMENTS WITHIN ANY CITY OR TOWN, THE APPLICANT SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY.

APPROVAL FORM 10.1 (2 PARTY UTILITY) APPROVAL NO. DATE
APPROVAL FORM 10.2 (3 PARTY UTILITY) APPROVAL NO. DATE
APPROVAL FORM 10.3 (4 PARTY UTILITY) APPROVAL NO. DATE

**CARY APPROVAL ONLY
DEM. AND D.H.S. APPROVALS PENDING**

John R. Bell
PROFESSIONAL ENGINEER
SEAL
14073
CARY R. BELL, INC.



NOTE: PHASE I IN APPROVAL PROCESS
(Scheduled for July 28 council approval)

TO BE CONSTRUCTED PER TOWN OF CARY STANDARDS.

IT'S THE LAW
AS OF JANUARY 1, 1998, NORTH CAROLINA STATE LAW
REQUIRES ANYONE EXCAVATING WITH MECHANICAL
EQUIPMENT TO BE A LICENSED CONTRACTOR. ANY
VIOLATION OF THIS LAW IS A VIOLATION OF
THE SAFETY OF PUBLIC SPACES TO NOTIFY ALL
UTILITIES TWO WEEKS IN ADVANCE TO PREVENT
DISRUPTION.