

CONSTRUCTION PLANS FOR STREET AND DRAINAGE IMPROVEMENTS
HARBOR ISLE 3RD ADDITION
 TO
THE CITY OF WICHITA, KANSAS

JAMES ARMOUR, P.E. - CITY ENGINEER

PROJECT NO. 1821 PPS
 OCA NO. 607861

BENCH MARKS

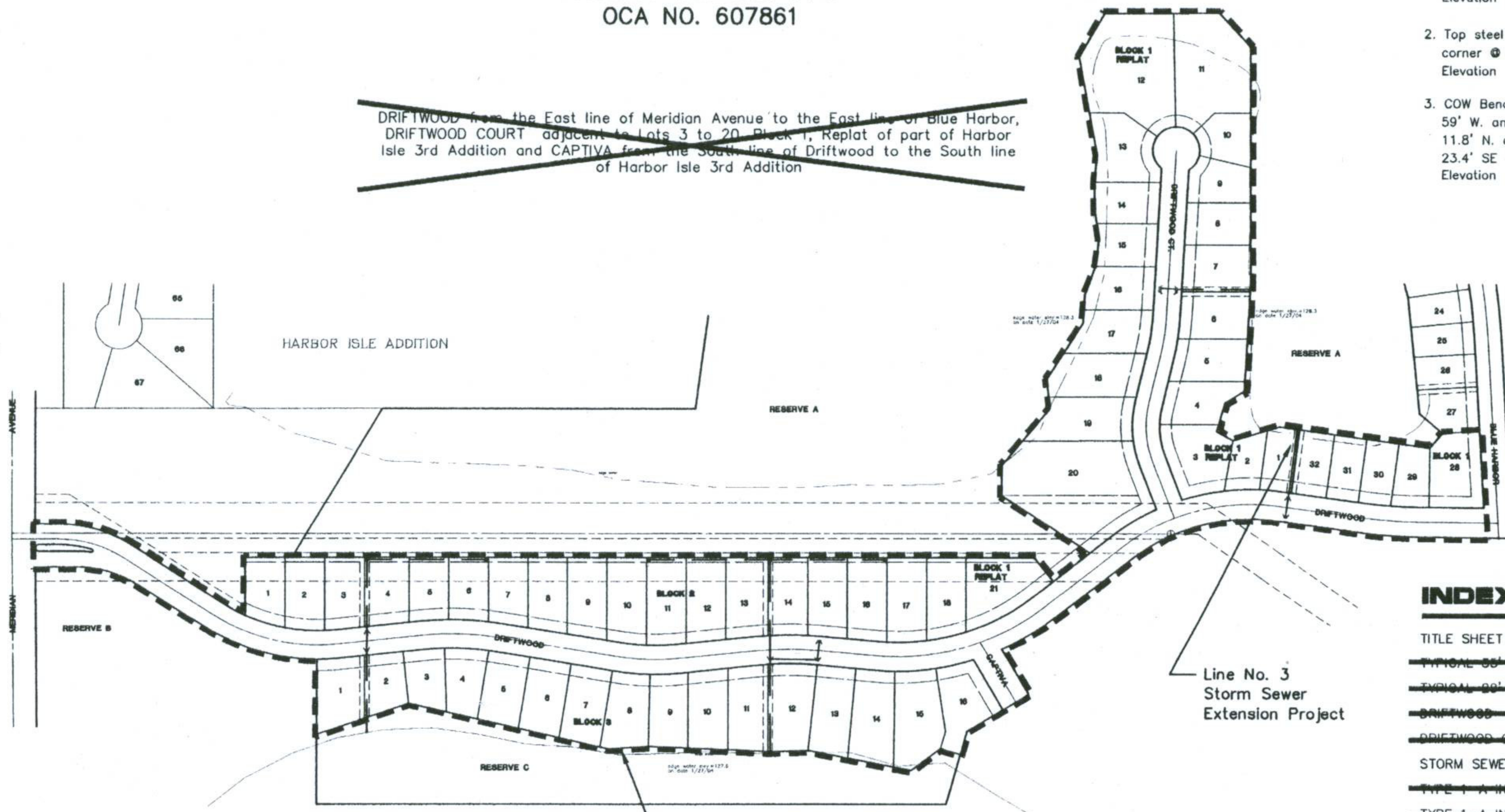
City of Wichita Datum

1. " + " Cut on NW corner conc. pad at lift station, 115.4' NW of SW Cor. Sec. 19-T26S-R1E Elevation 140.14
2. Top steel "T" post set flush w/ground 4' N. of R/W corner @ SW corner of Driftwood & Driftwood Court Elevation 139.17
3. COW Bench Mark at NW corner of Meridian & Keywest 59' W. and 32.3' N. of center line both. 11.8' N. of north curb Keywest. 4.8' NW of center P.P. 23.4' SE of SE cor. conc. wall Elevation 141.96

GENERAL NOTES:

1. Utility service lines, poles, valve boxes, meters and etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the project costs.
3. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All suitable excavation shall be wasted on low lying lots within the addition before any material is disposed of off site. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
4. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
5. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then slope up of down using permissible slopes to match the existing ground surface.
6. The Contractor shall be responsible for preserving property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished by a licensed land surveyor in accordance with state laws.
7. All transition curb paid for as Roll Type Curb.
8. Trees are to be removed as needed. The cost is subsidiary to street construction costs.
9. All disturbed areas within street right-of-ways shall be seeded with temporary rye grass within 14 days of disturbance at a rate of 250 lbs. per acre.
10. Subdivision benchmarks will be flat survey markers, No. 8134-08 3" top diameter available at Kansas Blue Print Co., Inc. (Cost is incidental to curb construction)
11. Contractor shall maintain all existing BMPs on project site during construction. Contractor shall repair or replace any existing BMPs that are damaged (cost subsidiary to site restoration). If BMPs were damaged prior to contractor beginning work on project, notify construction Inspector or engineer.
12. Contractor shall remove and stockpile organic material (topsoil) to surface (to a minimum of twelve (12) inches) all fills, embankments and any other areas on the site of the work where the original topsoil will be covered or damaged. Topsoil shall be free from trash, debris and surface vegetation more than six (6) inches in height. After all work has been completed in each area, topsoil shall be placed and graded. (Cost shall be subsidiary to Excavation)

~~DRIFTWOOD from the East line of Meridian Avenue to the East line of Blue Harbor, DRIFTWOOD COURT adjacent to Lots 3 to 20, Block 1, Replat of part of Harbor Isle 3rd Addition and CAPTIVA from the South line of Driftwood to the South line of Harbor Isle 3rd Addition~~



INDEX

| | |
|---|-------------|
| TITLE SHEET | SHEET 1 |
| TYPICAL 60' PAVEMENT DETAILS | SHEET 2 |
| TYPICAL 80' PAVEMENT DETAILS | SHEET 3 |
| DRIFTWOOD | SHEET 4-10 |
| DRIFTWOOD COURT | SHEET 11-12 |
| STORM SEWER | SHEET 2 |
| TYPE 1-A INLET 6'-0" | SHEET 16 |
| TYPE 1-A INLET 10'-0" | SHEET 18 |
| PAVEMENT UNDERDRAIN DETAIL | SHEET 20 |
| AREA INLET / TRAP BALL SEDIMENT BARRIER | SHEET 21 |
| CROSS SECTIONS | SHEET 22-57 |
| EARTHWORK SUMMARY | SHEET 58 |
| SOIL EROSION BMP DETAILS | SHEET 59-63 |
| VALLEY GUTTER DETAILS | SHEET 64 |
| MISCELLANEOUS DAMB DETAILS | SHEET 65 |
| COORDINATE POINTS LIST | SHEET 66 |
| LOT GRADING PLAN | SHEET 67 |
| STORM WATER POLLUTION PREVENTION PLAN | SHEET 68 |
| STREET SIGN DETAILS | SHEET 69 |
| TRAFFIC CONTROL DETAILS | SHEET 70-73 |
| HARBOR ISLE 3RD PLAT | SHEET 74-75 |
| REPLAT OF PART OF HARBOR ISLE 3RD | SHEET 76 |

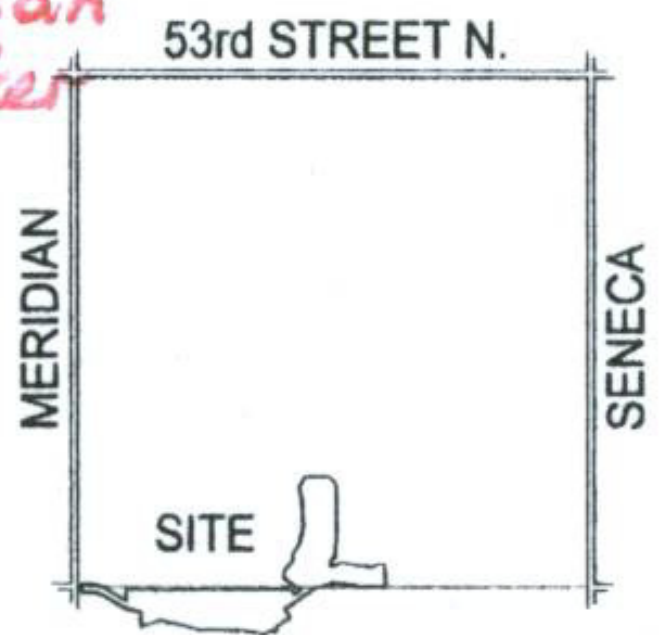
APPROVED AS NOTED BY CITY ENGINEER OF WICHITA
 STORM SEWERS VRH 10/9/07
 NOTE TO CONTRACTORS
 Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall work be commenced without written authorization by the City Engineer. All construction and materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

AS BUILT PLANS
 Contractor: Brad Bachman
 Inspector: Matthew Tucker
 PDF by: Matthew Tucker
RECORD DRAWING
 12-13-07

OCTOBER 2007

PLANS PREPARED BY

PE POE & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 5940 E. Central, Suite 200 • Wichita, KS 67208-4242
 Phone 316/685-4114 • FAX 316/685-4444



LOCATION MAP
 No Scale

~~TOTAL PROJECT LENGTH: 4,408 L.F. = 0.835 Mi~~

(WITHIN R/W)
EARTHWORK SUMMARY

| | |
|----------------|-------------|
| Excavation | 3,710 C.Y. |
| Compacted Fill | 1,162 C.Y. |
| Loose Fill | 16,797 C.Y. |

(See Earthwork Summary Sheet 58 for Earthwork Outside of the Street R/W)

James M. Ubert
 JAMES M. UBERT
 LICENSED PROFESSIONAL ENGINEER
 14698
 10-9-07
 KANSAS