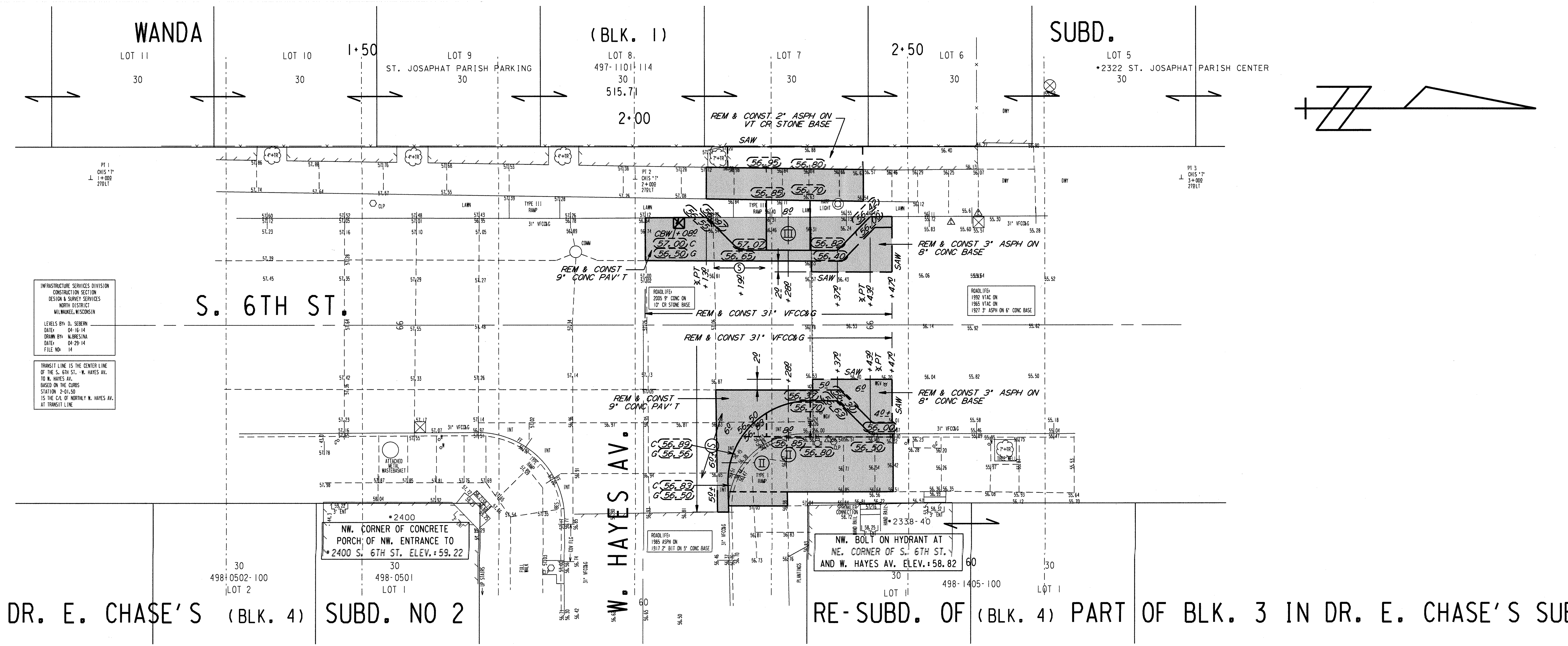



NOTES :

- (I), (II), (III), DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- GRADE & PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY).
- ANY TREES TO BE REMOVED AS PART OF THE PROJECT WILL BE NOTED IN SPECIAL PROVISIONS.
- PITCH FLANGE .08' UNLESS OTHERWISE SHOWN.

| CONDITION OF CONCRETE | |
|---|---|
| B | BROKEN |
| BL | BLUE LINED |
| BP | BACK PITCHED |
| C | CRACKED |
| EP | EXCESSIVE PITCH |
| H | HEAVED |
| JF | JOINT FAILURE |
| MJ | MUD JACKED |
| P | PATCHED |
| PC | POOR CONDITION |
| S | SETTLED |
| SP | SPALLED |
| VGC | VERY GOOD |
| VPC | VERY POOR |

## ESTIMATE / CERTIFICATE QUANTITIES

| | DESCRIPTION | UNIT | ASSESS. | X-ING | | | PLAN TOT. | PROJ. TOT. |
|---|---|---|---|---|---|---|---|---|
| X | MOBILIZATION | L.S. | | | | | | |
| X | FINISHING ROADWAY | L.S. | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| X | BARRICADING AND SIGNING | L.S. | | | | | | |
| | | | | | | | | |
| X | CUTTING | C.Y. | | | | | | |
| X | ROADWAY CUTTING | C.Y. | | | | | | |
| X | FILLING | C.Y. | | | | | | |
| X | ROADWAY FILLING | C.Y. | | | | | | |
| | | | | | | | | |
| X | PAVEMENT REMOVAL | S.Y. | | | | | | |
| | BITUMINOUS SURFACE REMOVAL | S.Y. | | | | | | |
| X | CURB &/OR CURB & GUTTER REMOVAL | L.F. | | | | | | |
| X | CONC. WALK &/OR DRIVEWAY REMOVAL | S.F. | | | | | | |
| | SAWING (FULL DEPTH) | L.F. | | | | | | |
| X | SAWING | L.F. | | | | | | |
| | TREES CLEARING | I.D. | | | | | | |
| | TREES GRUBBING | I.D. | | | | | | |
| X | 31" CONCRETE CURB & GUTTER | L.F. | | | | | | |
| | V.T. CONC. WALK &/OR DRIVEWAY | C.Y. | | | | | | |
| X | 5" CONCRETE WALK | S.F. | | | | | | |
| | | | | | | | | |
| | 7" CONCRETE DRIVEWAY | S.F. | | | | | | |
| | | | | | | | | |
| X | 9" CONCRETE PAVEMENT | S.Y. | | | | | | |
| | 7" CONCRETE ALLEY PAVEMENT | S.Y. | | | | | | |
| | V.T. CONCRETE BASE | C.Y. | | | | | | |
| X | 8" CONCRETE BASE | S.Y. | | | | | | |
| X | TACK COAT | GAL. | | | | | | |
| X | BASE PREP. FOR ASPHALT SURFACE | L.S. | | | | | | |
| X | V.T. ASPH. CONC. PAV'T. ( MAX.) | S.Y. | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| X | V.T. CRUSHED STONE BASE | C.Y. | | | | | | |
| | CRUSHED GRAVEL BASE | | | | | | | |
| X | GRAVEL FILLING | TON | | | | | | |
| X | SODDING | S.Y. | | | | | | |
| X | TOPSOIL | C.Y. | | | | | | |
| | PAVEMENT GRINDING (ASPHALT) | S.Y. | | | | | | |
| | PAVEMENT GRINDING (CONCRETE) | S.Y. | | | | | | |
| X | SEALING PAV'T JOINTS & CRACKS | S.Y. | | | | | | |
| | MANHOLE RINGS | EACH | | | | | | |
| | SEWER FRAME ADJUSTMENT | V.F. | | | | | | |
| | MANHOLE SEAL (CITY FURNISHED) | EACH | | | | | | |
| X | EROSION CONTROL (TYPE M) | EACH | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

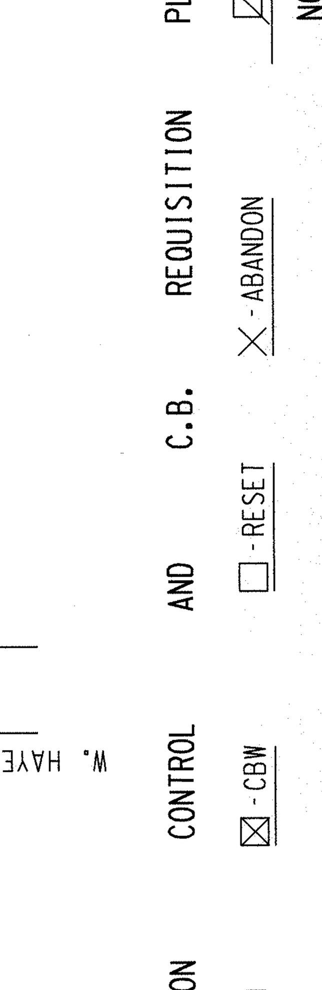
FILE NO. 37

PLAN OF: S. 6TH ST. @ W. HAYES ST. (BUMPOUTS) (2400 S)

THIS SECTION:

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY | G. LANGE | DATE: 05/21/14 | PROJECT NO. | | |
| DESCRIPTIONS BY | G. LANGE | DATE: 05/21/14 | ST211140172 | SHEET 1 OF 1 | |
| LEVELS BY | M. BRESINA | DATE: 05/01/14 | SCALE | 1/4 SEC. | ALD. DIST. |
| LEVELS TRANSF. BY | | DATE: 05/21/14 | 1" = 10' | 497, 498 | 12, 14 |
| DESIGNED BY | M. MANHARDT | DATE: 05/15/14 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | | |
| GRADES TRANSF. BY | G. LANGE | DATE: 05/21/14 | REVISED: | | |
| CHECKED BY | D. Ulatowski | DATE: 6/2/14 | REVISED: | | |
| APPROVED BY | Robert D. Vitt | DATE: 6/2/14 | REVISED: | | |
| FILE: V:\PWELIB\PAVING\29536.FIN | | | | | |
| PLOT DATE: 30-MAY-2014 | | | | | |

| STORM DRAINAGE UNITS | | |
|---|---|---|
| C.B.W. - 1 | RESET - 0 | ABANDON - 0 |
| PROJECT IN COMB AREA | | |




| EROSION CONTROL | AND C.B. | REQUISITION | PLAN | |
|---|---|---|---|---|
| TYPE M | CBW | RESET | ABANDON | |
| 2 | 1 | 0 | 0 | NO WORK |

| TO \ DATE | 6/4/14 | 6/2/14 | | | |
|---|---|---|---|---|---|
| ESTIMATING | 1 | | | | |
| HOLLOW WALKS | 1 | | | | |
| PUBLIC HEARING | 1 | | | | |
| CONSTRUCTION | 1 | 6 | | | |
| SEWER | 1 | | | | |
| WATER | 1 | | | | |
| STREET LIGHTING | 1 | | | | |
| BLDG. SEWERS | 1 | | | | |
| MEASURING | | 1 | | | |
| FIELD | | | | | |
| DISTRICT FILE | 2 | | | | |
| FORESTRY | 1 | | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | 1 | | | | |
| TRANSIT SYSTEM | | | | | |
| CABLE TV | | | | | |
| UND. GRD. COND. | 1 | | | | |
| WATER DIST. | 1 | | | | |
| WEPCO N/S | | | | | |
| WEPCO S/S | 1 | | | | |
| SEWER SERVICES | | | | | |
| UTILITY COOR. | 1 | | | | |
| Traffic Eng RM 506 | 1 | 6 | | | |
| PLAN SIZE | | | | | |

S. 6TH ST. @ W. HAYES ST. (CURB BUMPOUTS) (1 OF 1)
# 29536 12" X 56" ST211140172