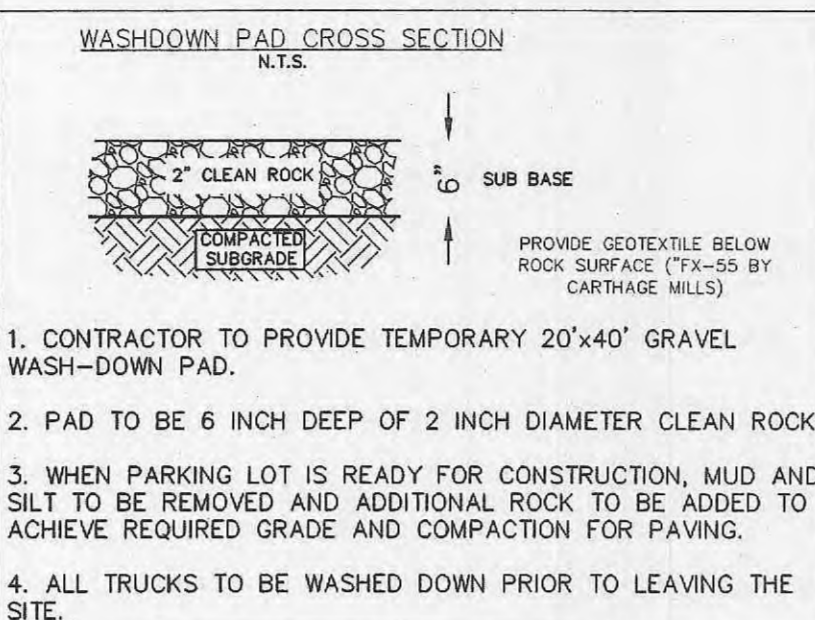
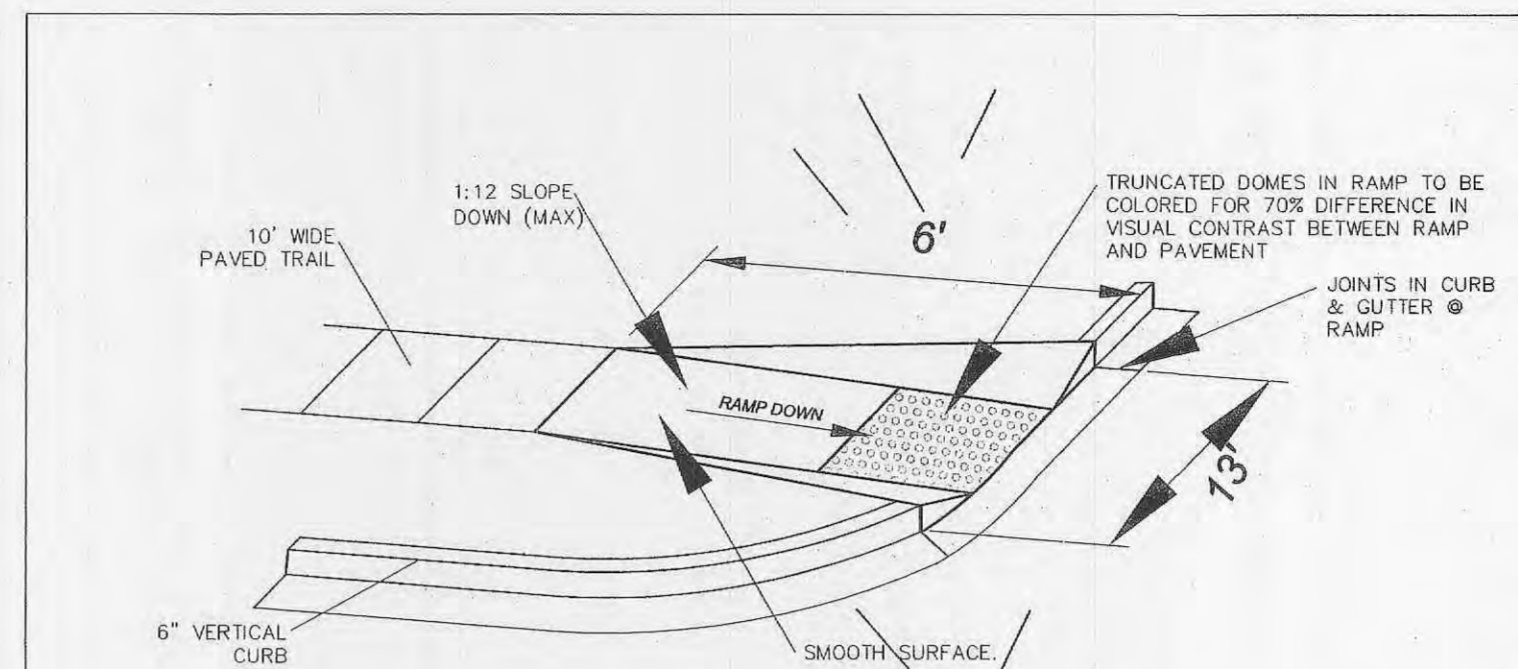


ORNAMENTAL FENCE "ALUMINUM" OR EQUAL
NOT TO SCALE

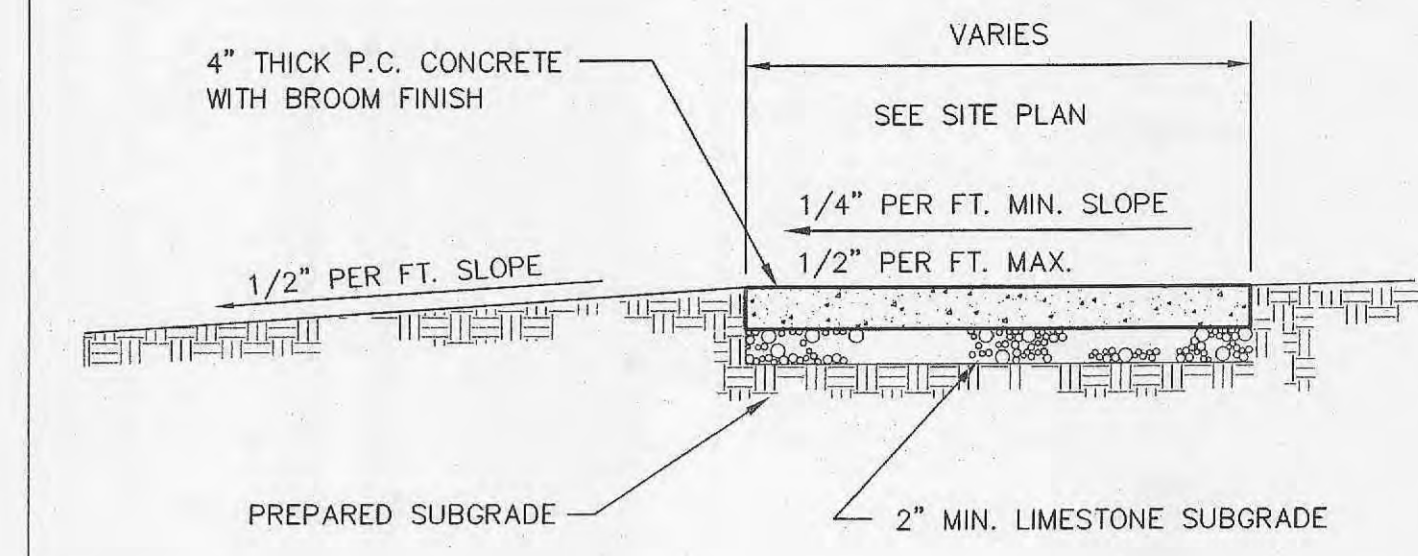
- NOTE:
- FENCE TO BE SPECIAL, INDUSTRIAL GRADE, S1-1, "BENNINGTON" STYLE OR EQUAL.
 - ALUMINUM POST SPACING 72" O.C.
 - FENCE, POST AND GATES TO BE SUPPLIED BY SAME MANUFACTURER.
 - FENCING TO BE BLACK ACRYLIC FINISH MEETING AAMA 603.8 SPECIFICATIONS W/BLACK MATCHING HARDWARE.
 - FENCE TO BE LOCATED 1' BEHIND TOP OF WALL.



- WASHDOWN PAD CROSS SECTION
N.T.S.
- CONTRACTOR TO PROVIDE TEMPORARY 20'x40' GRAVEL WASH-DOWN PAD.
 - PAD TO BE 6 INCH DEEP OF 2 INCH DIAMETER CLEAN ROCK.
 - WHEN PARKING LOT IS READY FOR CONSTRUCTION, MUD AND SILT TO BE REMOVED AND ADDITIONAL ROCK TO BE ADDED TO ACHIEVE REQUIRED GRADE AND COMPACTION FOR PAVING.
 - ALL TRUCKS TO BE WASHED DOWN PRIOR TO LEAVING THE SITE.



CONC. WALK w/ HANDICAP ACCESS
AT ENTRANCE DRIVES
NOT TO SCALE



NOTE: MAXIMUM DISTANCE BETWEEN EXPANSION JOINT SHALL BE 10' WITH AT LEAST ONE CONTROL JOINT IN BETWEEN.

CONCRETE SIDEWALK

INTEGRAL VERTICAL CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS

MANHOLE BOXING

PLAN OF JOINT LOCATION

GENERAL NOTES:

- Do not scale drawings. Follow dimensions.
- All joint joints shall be completed from the prepared and cast in place concrete. All joints shall be finished with a smooth surface. All joints shall be finished with a smooth surface.
- Where a joint shall extend 90° or over a curb, sidewalk, or other structure, it shall be finished with a smooth surface. All joints shall be finished with a smooth surface.
- Concrete configurations are shown in the 'Technical Construction Details'.
- Construction joint and its bars may be omitted when curb is formed monolithically with pavement.
- Minimum thickness for Formwork (1)
- All Reinforcing Steel
- All Metal Straps

NOTE:

Joint material shall meet ASTM designations as follows:

| JOINT TYPE | JOINT AND ITS REQUIREMENTS |
|------------|----------------------------|
| AA | Formwork |
| B | Formwork |
| C | Formwork |
| D | Formwork |
| E | Formwork |
| F | Formwork |
| G | Formwork |
| H | Formwork |
| J | Formwork |

SANITARY COUNTY HIGHWAY DEPARTMENT ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
INTEGRAL VERTICAL CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS
DATE: October, 2002 DRAWING: C502.01

GENERAL NOTES:

- Do not scale drawings. Follow dimensions.
- Construction joint and its bars may be omitted when curb is formed monolithically with pavement.
- Minimum thickness for Formwork (1)
- All Reinforcing Steel
- All Metal Straps
- Where a joint shall extend 90° or over a curb, sidewalk, or other structure, it shall be finished with a smooth surface. All joints shall be finished with a smooth surface.
- Concrete configurations are shown in the 'Technical Construction Details'.
- Construction joint and its bars may be omitted when curb is formed monolithically with pavement.
- Minimum thickness for Formwork (1)
- All Reinforcing Steel
- All Metal Straps

INTEGRAL ROLLED CURB

INTEGRAL VERTICAL CURB

VERTICAL CURB AND GUTTER (2'-6" WIDE)

ROLLED CURB AND GUTTER (2'-6" WIDE)

MOUNTABLE CURB AND GUTTER

VERTICAL CURB AND GUTTER (3' 0" WIDE)

TYPE S CONCRETE CURB

MOUNTABLE CURB AND GUTTER (2'-6" WIDE)

TYPE J SAWED OR PREFORMED STRIP TRANSVERSE CONSTRUCTION JOINT WITH REINFORCING OVERLAY

SANITARY COUNTY HIGHWAY DEPARTMENT ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
CURBS AND GUTTERS
DATE: September, 2002 DRAWING: C502.03

NEENAH FOUNDRY COMPANY
2121 BROOKS AVENUE
NEENAH, WISCONSIN 54956
PHONE: (920)725-7000
FAX: (920)729-3661

ASSEMBLY DETAIL

NOTE: FRAME CROSS BAR REQUIRES REMOVAL AFTER INSTALLATION. ALL DIMENSIONS ARE SHOWN IN ENGLISH AND METRIC.

COMPONENT NO. (1) 5'-0" FRAME 8500-8000; (2) TREE GRATE 8707-8000; (3) 3/8"-16 UNC X 1 STAINL. STL. HEX. BOLT AND HEX. NUT W/ WISHERS

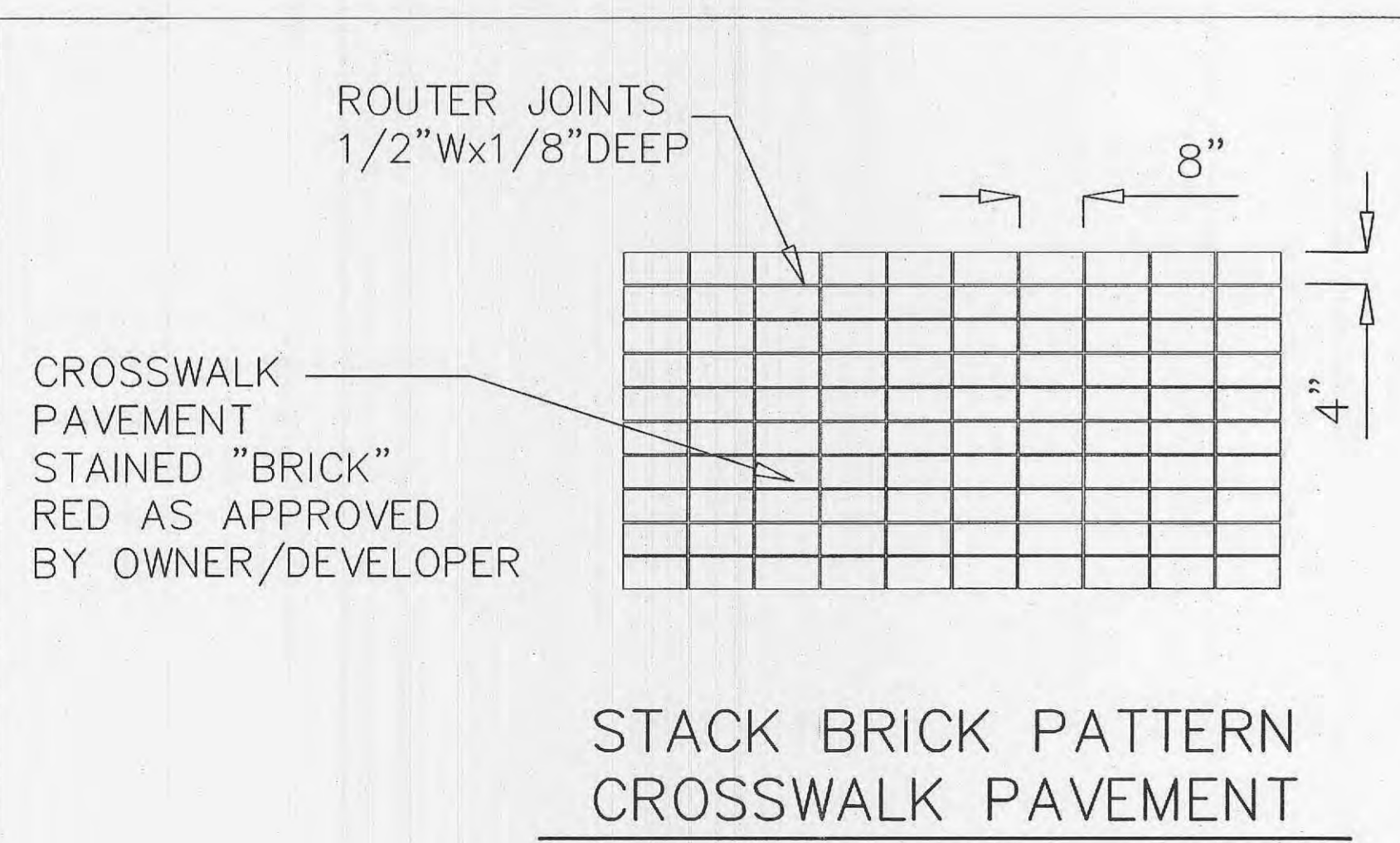
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 30B
FINISH: NOT PAINTED
WEIGHT: 62#/SET

NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DO NOT SCALE DRAWINGS.
- CONTRACTORS NOTE FOR PRODUCT AND PURCHASING INFORMATION VISIT www.Obdata.com/info REFERENCE NUMBER 071-3044.

R-8707 SQUARE TREE GRATES 60"
SEE LANDSCAPE SHEET L-1 FOR GRATE LOCATIONS

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- NOTES:
- CROSSWALK PAVEMENT SHALL BE FULL DEPTH CONCRETE TO MATCH STREET PAVEMENT.
 - ROUTER "JOINTS" AS SHOWN TO PROVIDE SMOOTH SURFACE FOR PEDESTRIAN & HANDICAP TRAFFIC.
 - CONCRETE MUST CURE FOR A MINIMUM OF 5 DAYS.
 - REMOVE ALL DIRT, GREASE AND OIL WITH CONCRETE CLEANER AND DEGREASER.
 - USE CONCRETE ETCHER FOR PROPER PENETRATION AND ADHESION TO SMOOTH, DENSE, CONCRETE.
 - APPLY CONCRETE STAIN FOLLOWING ALL LABEL INSTRUCTIONS. ALLOW 72 HOURS BEFORE SUBJECTING STAINED SURFACE TO AUTOMOBILE TIRES.

ENGINEERS CERTIFICATION:

The following applies to ALL sheets and documents involved in the preparation of the plans and documents for this project. The responsibility for Professional Engineering liability on this project is limited to the set of plans displaying the signature and an original stamped seal of the Engineer on each sheet. ALL responsibility is Disclaimed: until ALL review agency approvals are granted; for all other plan sheets issued prior to this issue date; for this set when another set is issued after this date; if the sheets are used individually instead of a set. This applies for ALL sheets and documents involved in this project whether this certification appears on it or not. Copyright. All Rights Reserved.

ZAVRADINOS & ASSOCIATES, INC. DBA
ZAVRADINOS ENGINEERING & SURVEYING

STEVEN W. POLK
NUMBER E-18868
DATE 5/17/06

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