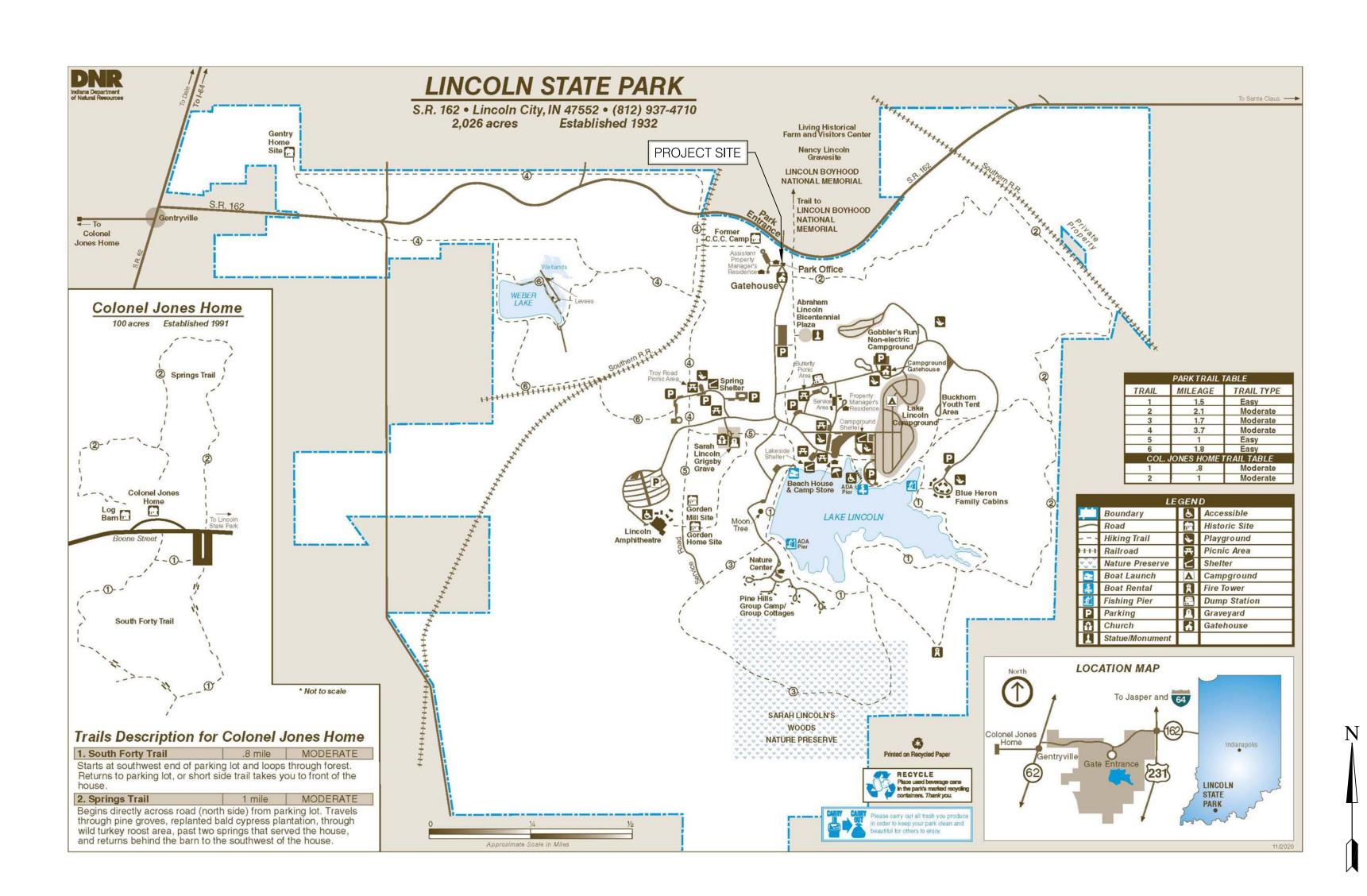
LINCOLN STATE PARK

PHASE 5 PARK ENTRY IMPROVEMENTS

INDIANA DEPARTMENT OF NATURAL RESOURCES PROJECT # ENG2303730652





Division Of Engineering 402 W. Washington Street, Rm W299 Indianapolis, IN 46204-2739



910 Main Street P.O. Box 99 Ferdinand, IN 47532

SHEET SCHEDULE

SHEET NO. DESCRIPTION

C001 TITLE SHEET

C100 NOT USED

DEMOLITION PLAN - SITE PLAN - BASE BID

C202 DEMOLITION PLAN - SITE PLAN - ALTERNATE BID 1 ADD

C301 GRADING PLAN - BASE BID

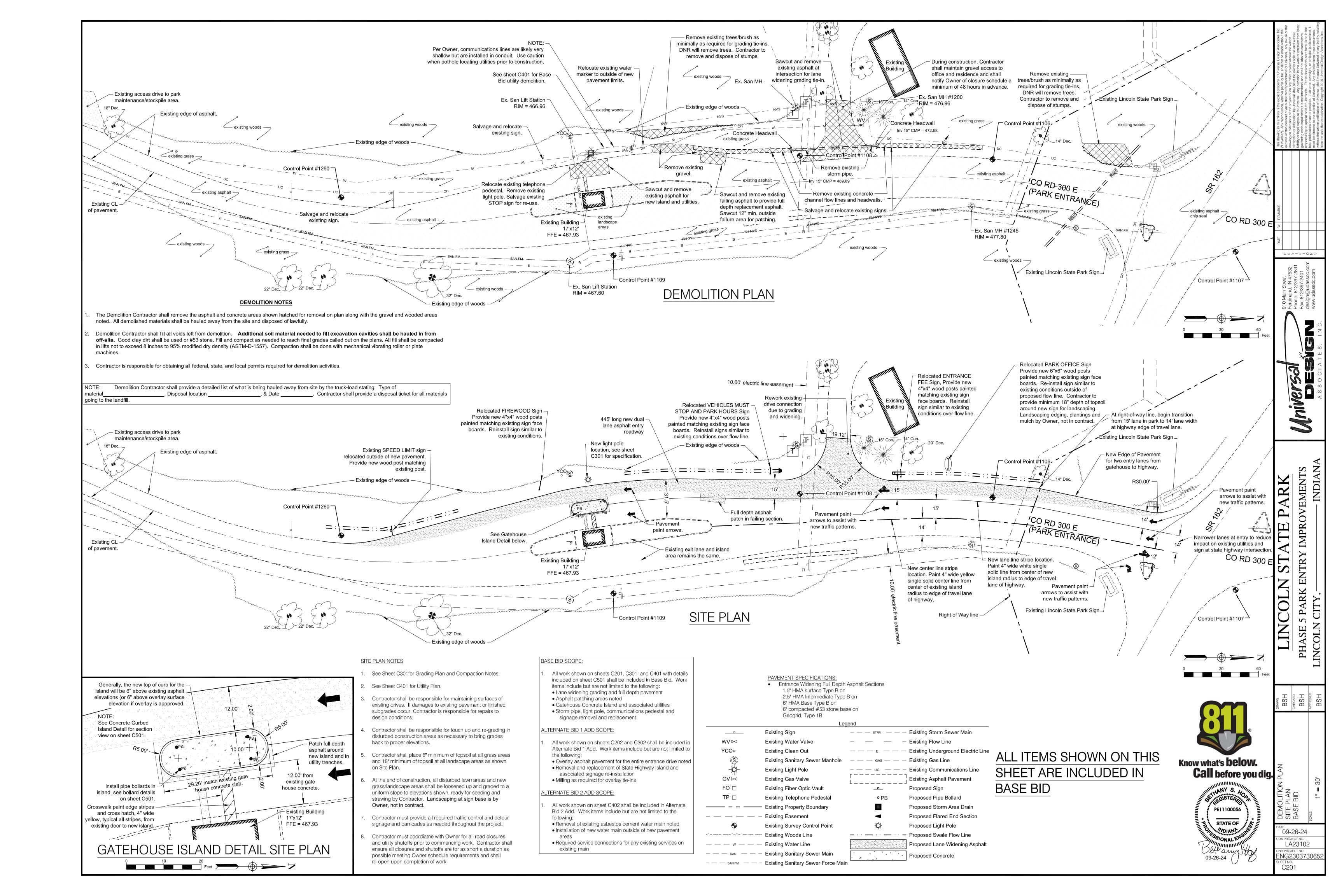
C302 GRADING PLAN - ALTERNATE BID 1 ADD

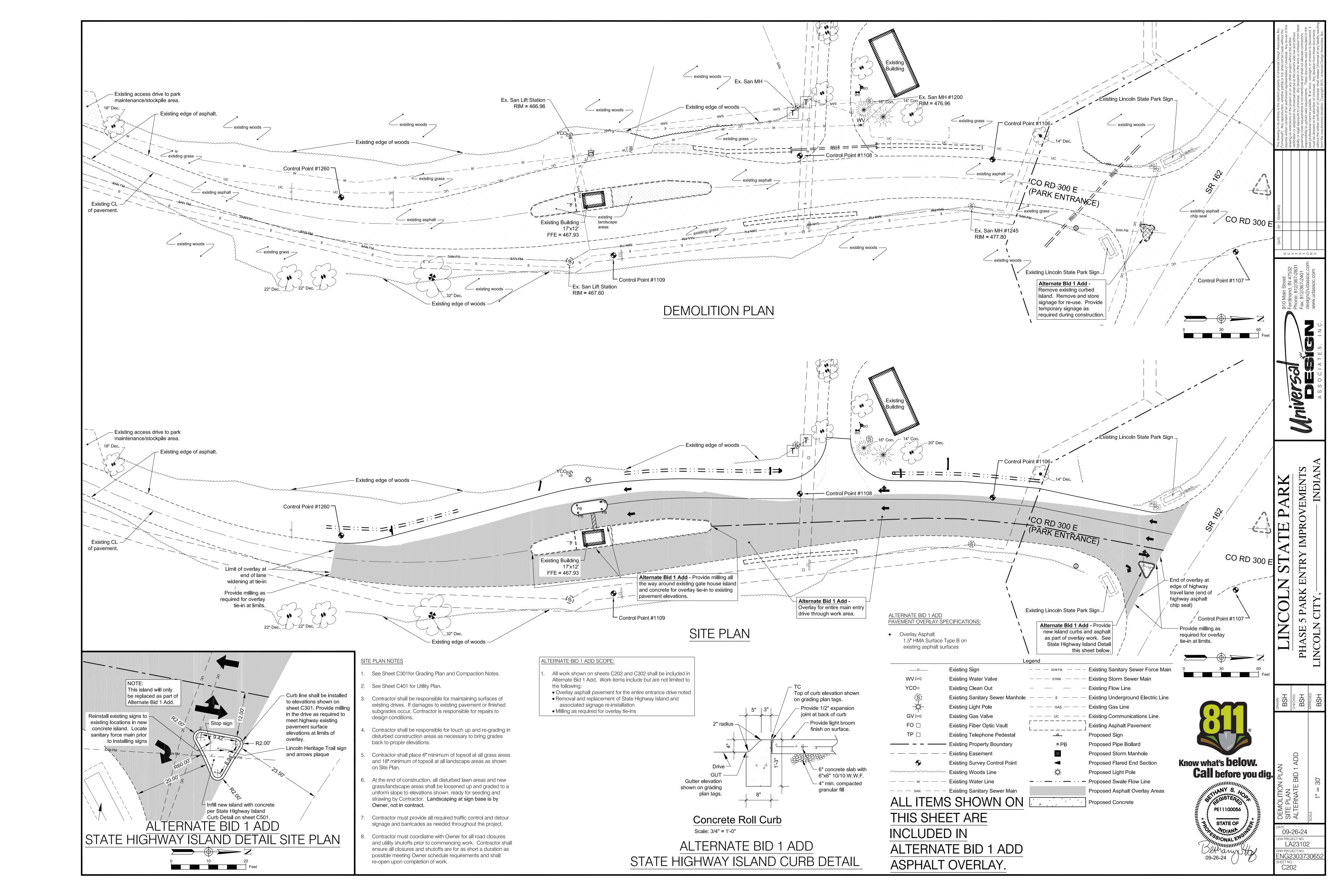
C401 UTILITY PLAN - BASE BID

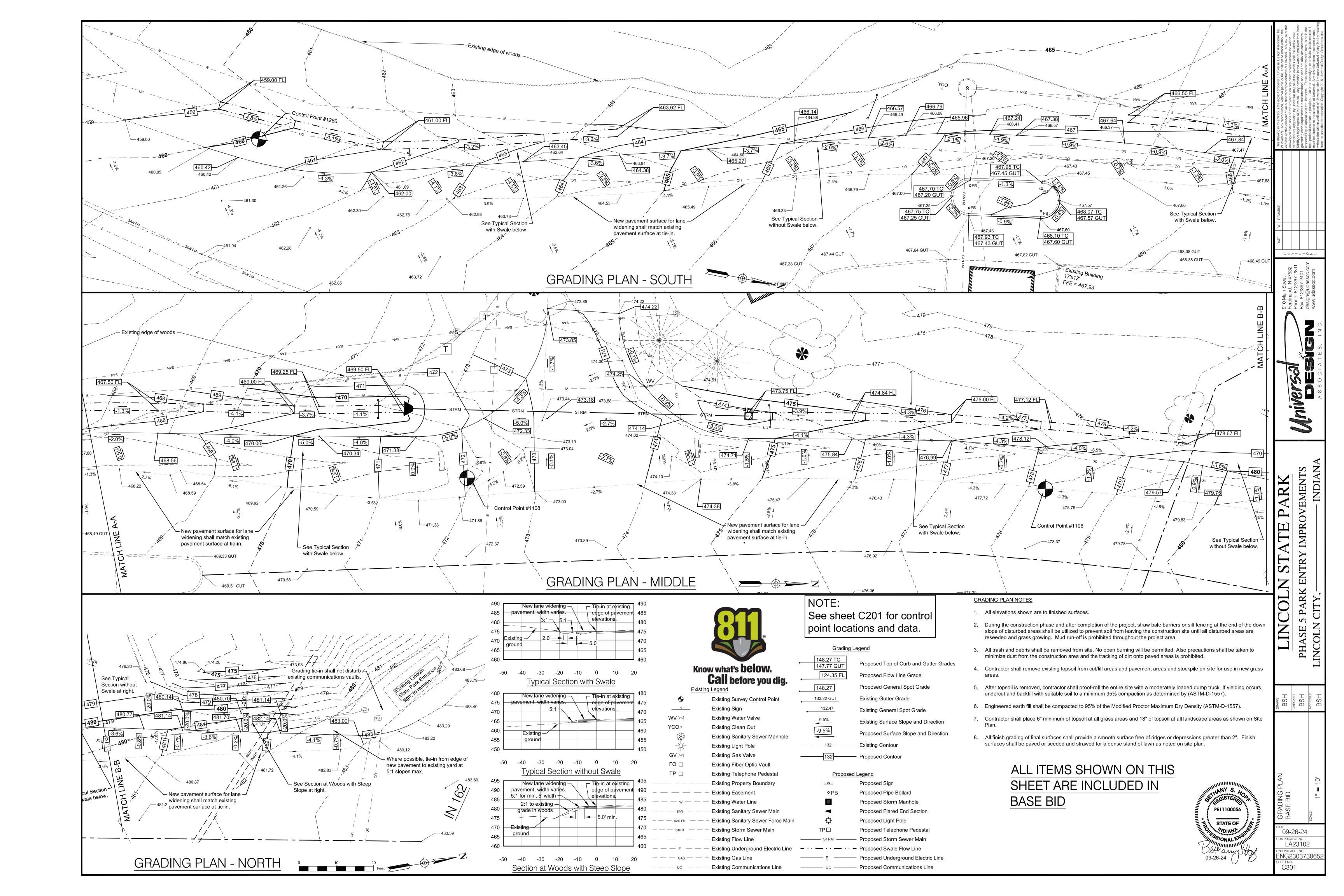
C402 UTILITY PLAN - ALTERNATE BID 2 ADD

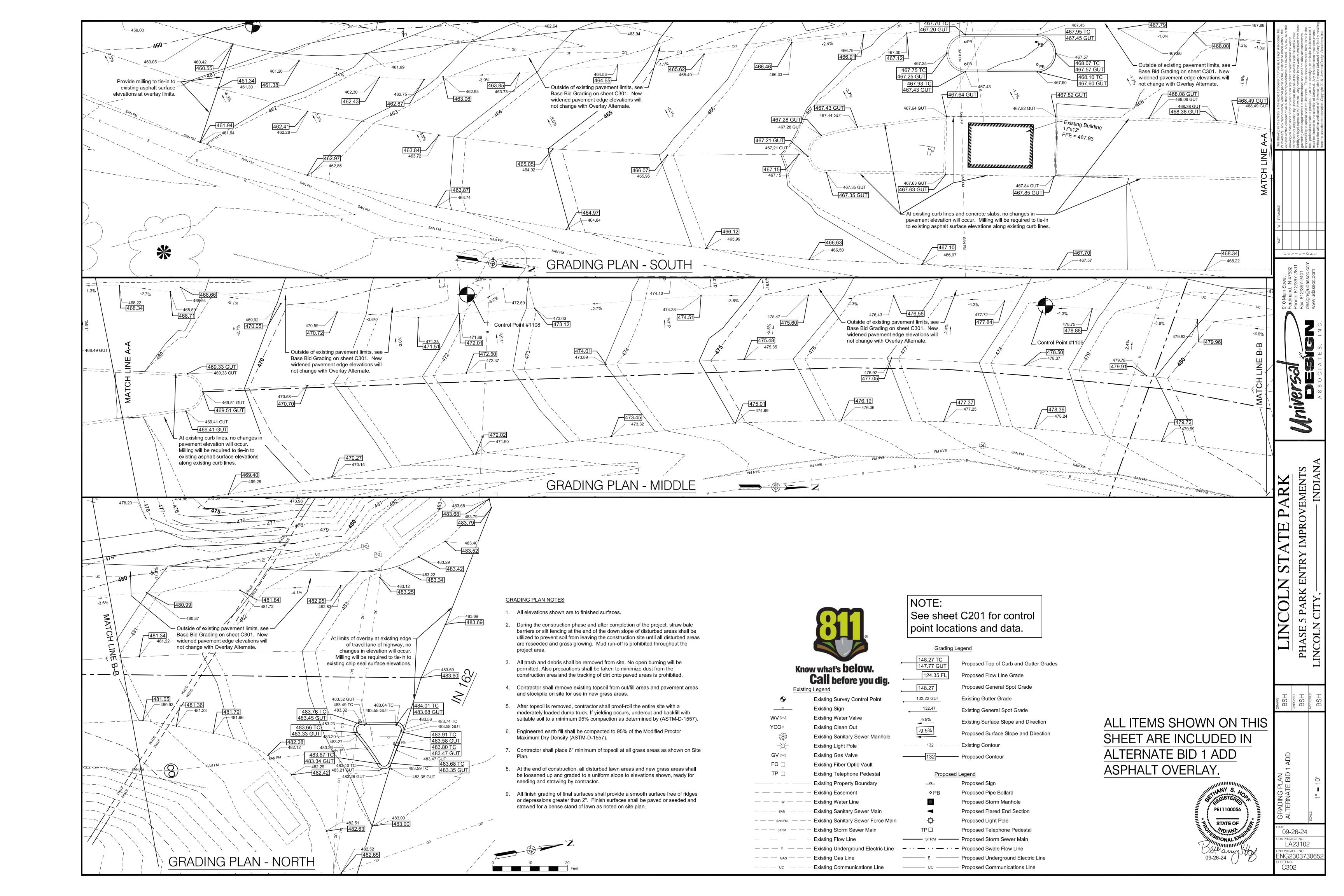
C501 DETAILS - BASE BID

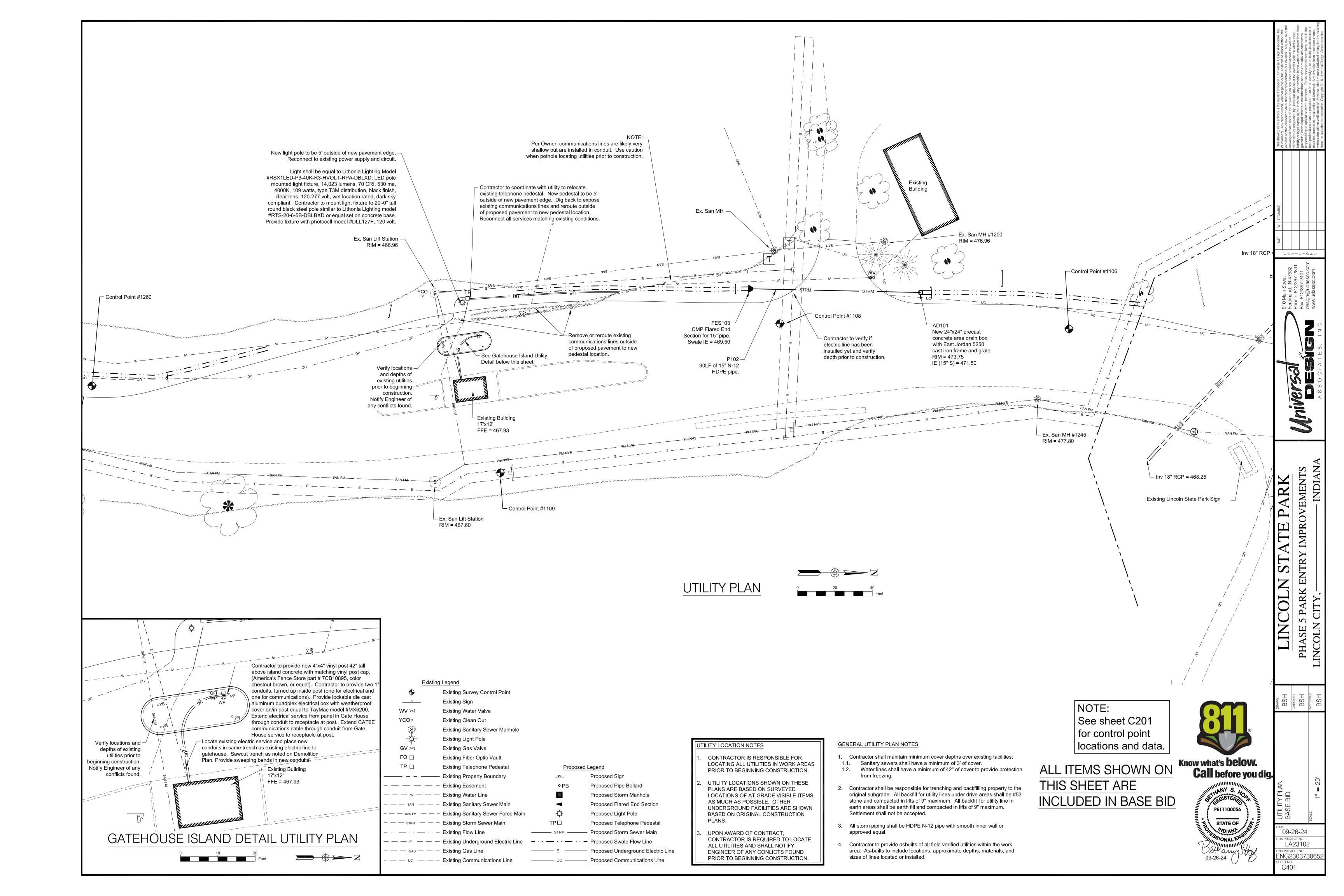


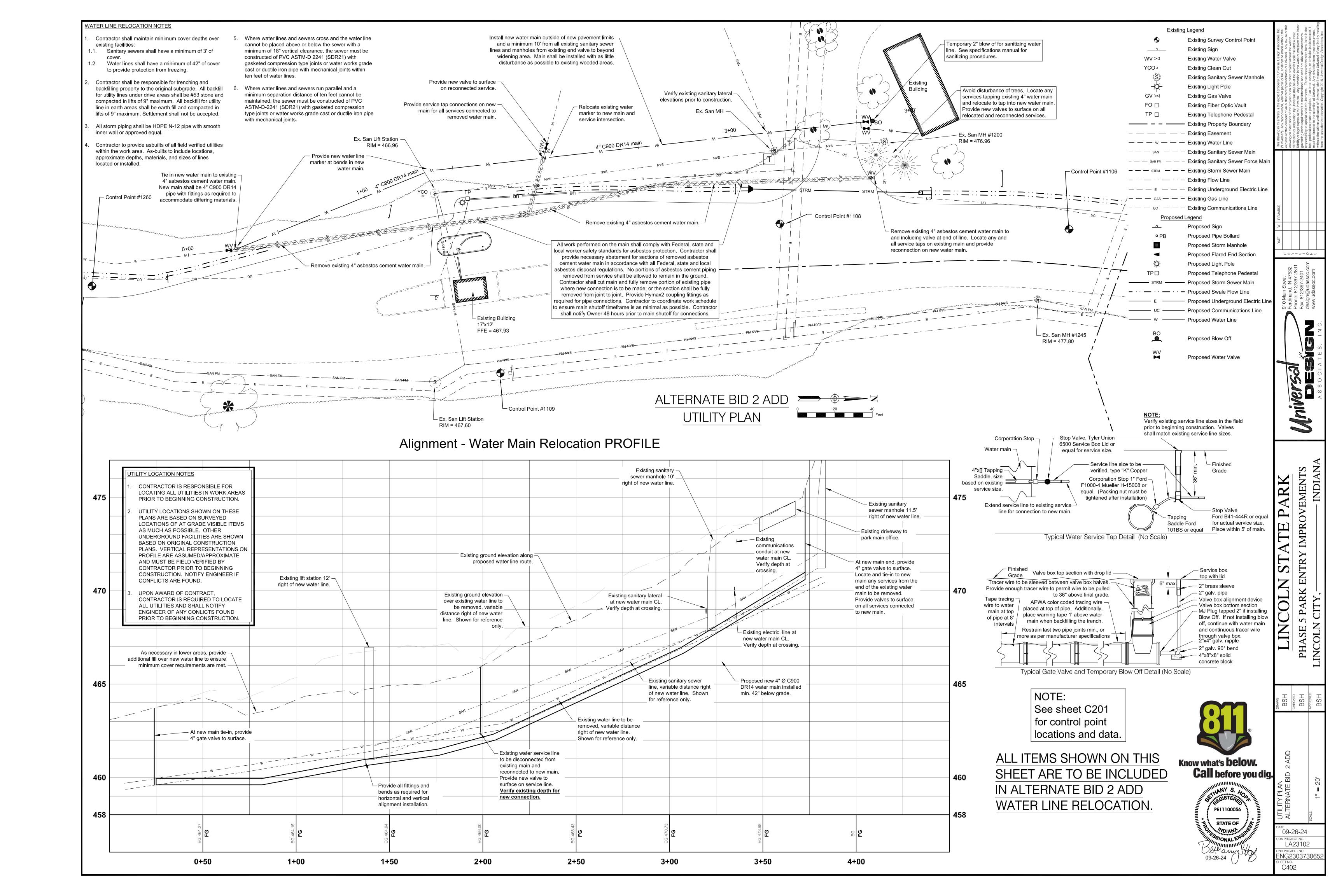


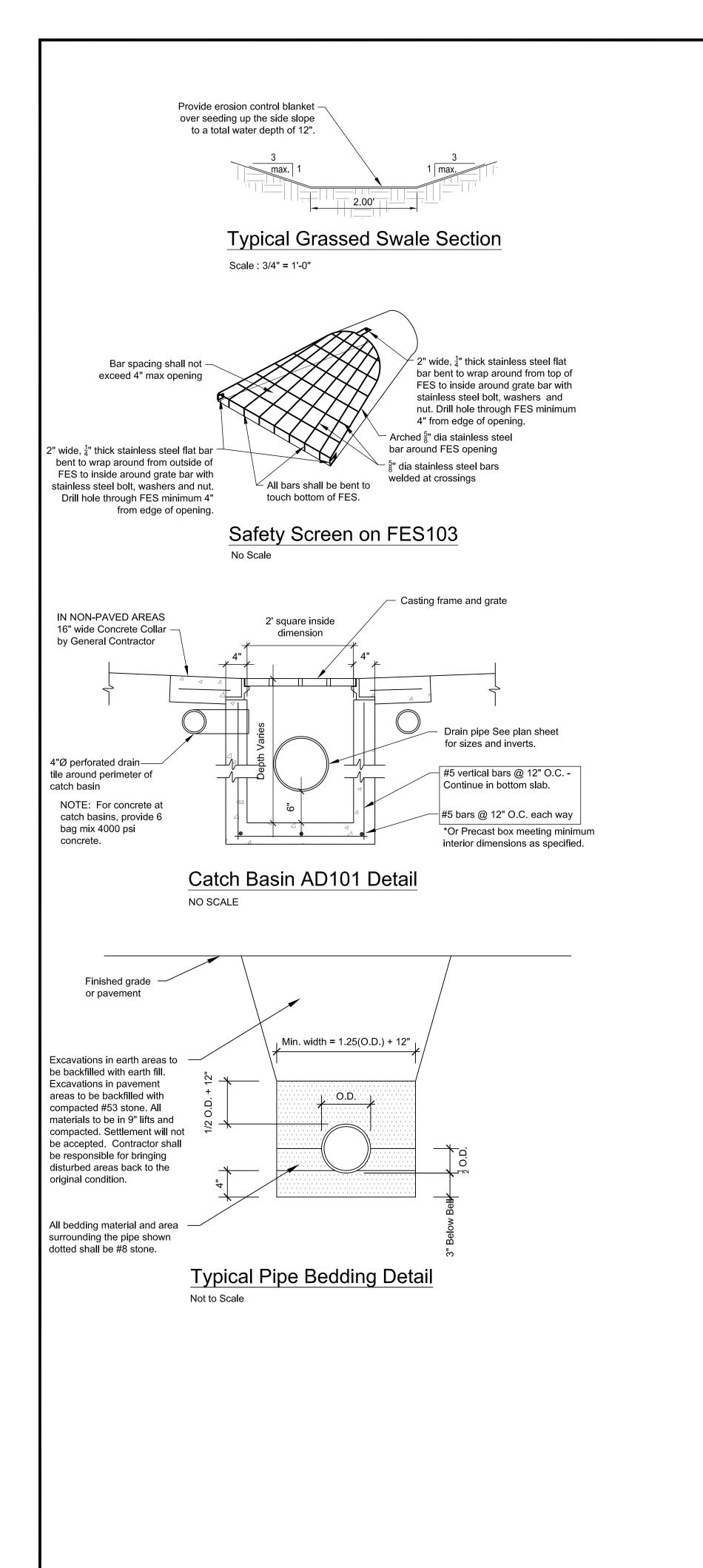












Product Details: BollardGard post sleeves enhance and protect the appearance of steel bollards in all indoor and outdoor applications. BollardGard is constructed from 1/8" thick high density polyethylene (HDPE) and 3M #5100 reflective tape for durability and long service life. Our patented GripperTabs installation is the fastest and easiest way to secure the bollard cover. BollardGard post sleeves are UV stable and guaranteed against fading and cracking for 5 years. BollardGard covers are available in many stock colors, and can be produced in custom colors; PMS color matching to your sample (paint, fabric) is No cutting charges! When measuring the height of steel bollards, we recommend adding 2-4" to the length of your bollard cover in order to allow for concrete "domes" and any inconsistency in steel bollard height. We stock, cut, pack and ship from our centrally located Ohio facility. Whether you buy direct from Innoplast, or one of our qualified distributors, you get the

same fast service, excellent value and no extra charges.

- Product name: BollardGard Bollard Cover BC752, BC760 & BC772
- Diameter: 7.1" inside diameter / 7.35" outside diameter • Length: 52", 60" & 72" outside height, custom lengths available
- Wall thickness: 125" wall thickness Material: HDPE
- Accessories: GripperTabs included for installation/ foam installation available by request
- Bollard Colors: Black, blue, bright green, brown, gray, light gray, green, orange, red, white, yellow • Reflective Material: 3M #5100 Scotchlite Film - available in black, blue, green, orange, red, white, yellow
- Warranty: 5-year warranty against cracking & fading

Standard Bollard Covers

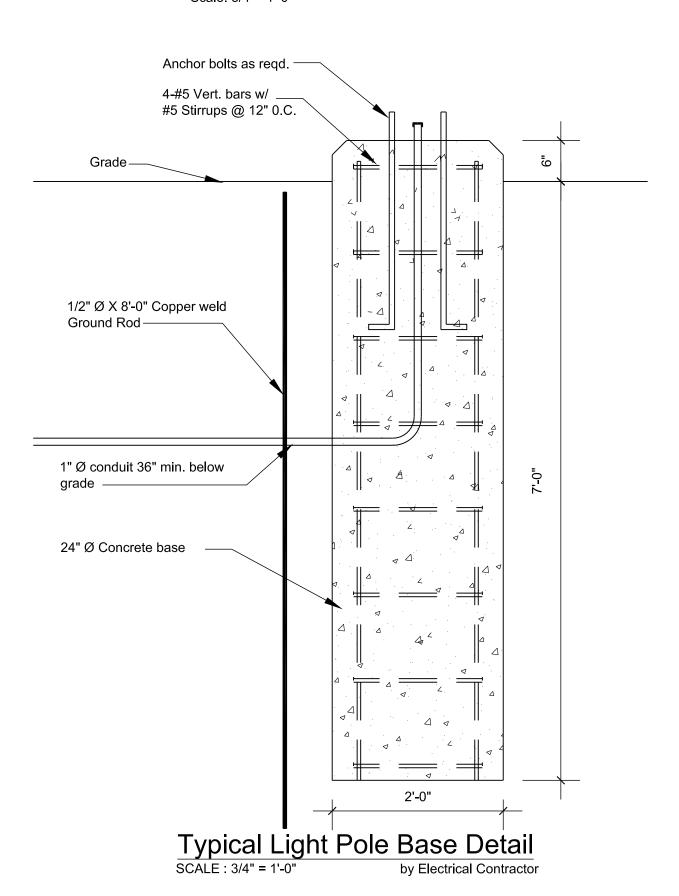


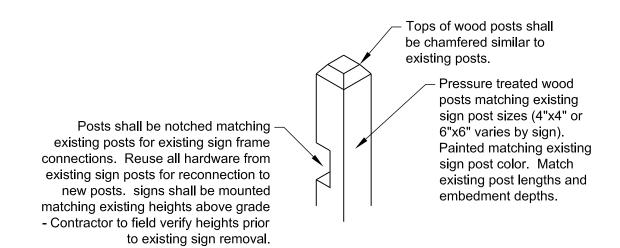


5718 Transportation Blvd • Garfield Heights, OH 44125 • 800-516-9287 • www.innoplast.com

Bollard Sleeve Specification

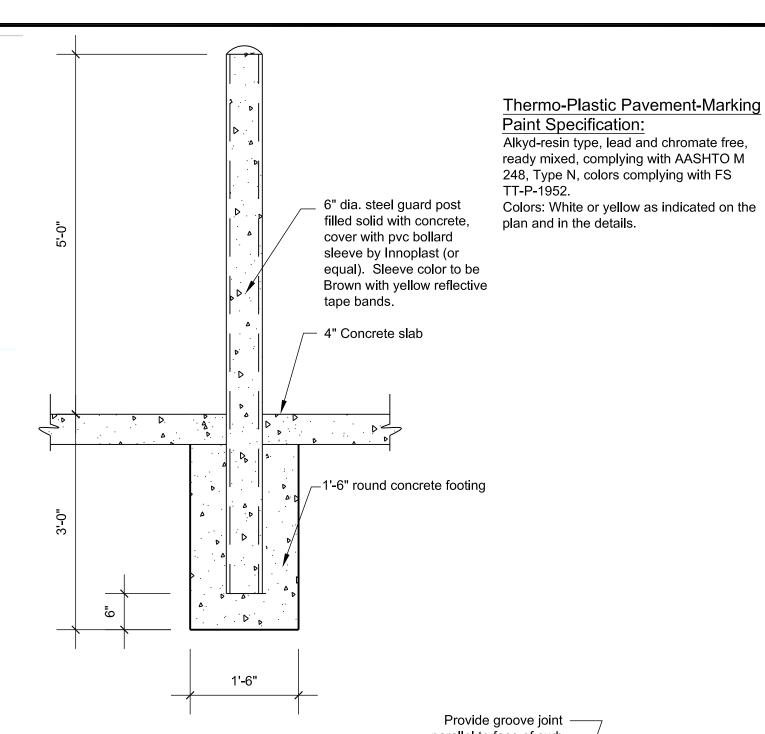
Innoplast shown for reference or equal Scale: 3/4"= 1'-0"

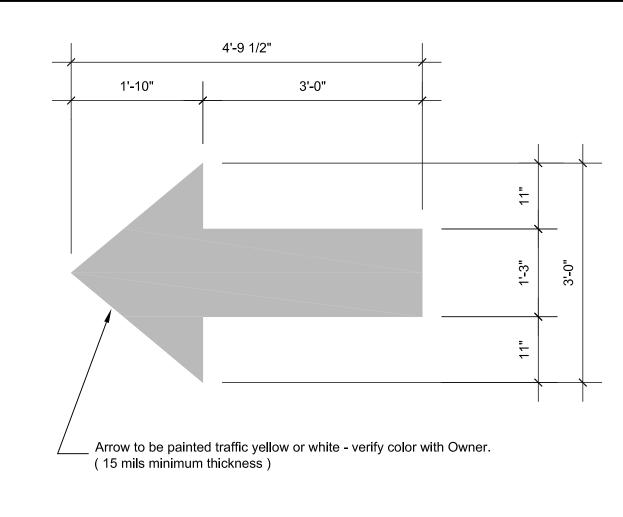




Wood Sign Post Detail

Scale: 3/4" = 1'-0"





Typical Traffic Arrow

Scale: 3/4" = 1'-0"

Provide groove joint -Provide groove joint parallel to face of curb parallel to face of curb Pipe Bollard Detail Provide light broom -Provide groove joints Scale: 3/4"= 1'-0" asphalt surface / finish on all sidewalk in sidewalk (no sawcuts) surfaces. 4" concrete sidewalk with 6" x 6" 10 / 10 w.w.f. 4" min. compacted-12" 12" granular fill #5 bar continuous

Gatehouse Island Detail

Scale: 3/4" = 1'-0"

| | Permanent Seeding Recommendations Lawns and High-Maintenance Areas | | | |
|-------------|---|---------------------------------------|-----------------|--|
| | Seed Mixtures | Rate per Acre Pure Live Seed (lbs) | Optimum Soil pH | |
| | 1. Bluegrass | 140 | 5.5 to 7.0 | |
| | 2. Perennial ryegrass (turf type) | 60 90 | 5.6 to 7.0 | |
| > | 3. Tall fescue(turf type) ² - bluegrass | 170 30 | 5.6 to 7.5 | |

Permanent Seeding Recommendations Channels and Areas of Concentrated Flow

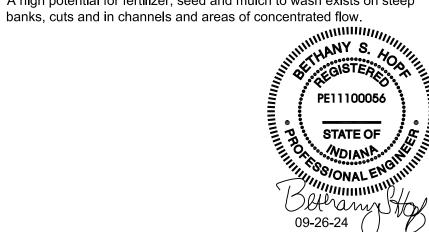
| Chamiles and Aleas of Concentrated Flow | | | |
|---|---------------------------------------|-----------------|--|
| Seed Mixtures | Rate per Acre Pure Live Seed (lbs) | Optimum Soil pH | |
| Perennial ryegrass white clover | 150 2 | 5.5 to 7.0 | |
| 2. Kentucky bluegrass - smooth bromegrass - switchgrass - timothy - perennial ryegrass - white clover ² | 20 10 3 4 10 2 | 5.5 to 7.5 | |
| 3. Tall fescue ¹ - white clover ² | 150 2 | 5.5 to 7.5 | |
| 4. Tall fescue ² - perennial ryegrass - Kentucky bluegrass | 150 20 20 | 5.5 to 7.5 | |

¹ For best results: a) legume seed should be inoculated; b) seeding mixtures containing legumes should preferably be spring-seeded, although the grass may be fall-seeded and the legume frost-seeded (see Dormant Seeding and Frost Seeding); and c) if legumes are fall-seeded, do so in early fall.

² Tall fescue provides little cover for, and may be toxic to some species of wildlife.

An oat or wheat companion or nurse crop may be used with any of the above permanent seeding mixtures, at the following rates: (a) spring oats $-\frac{1}{4}$ to $\frac{3}{4}$ bushel per acre (b) wheat - no more than $\frac{1}{2}$ bushel per acre

A high potential for fertilizer, seed and mulch to wash exists on steep



09-26-24 LA23102

ENTRY IMPROVEMENTS

INDIAN

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PARK

NG23037306 C501