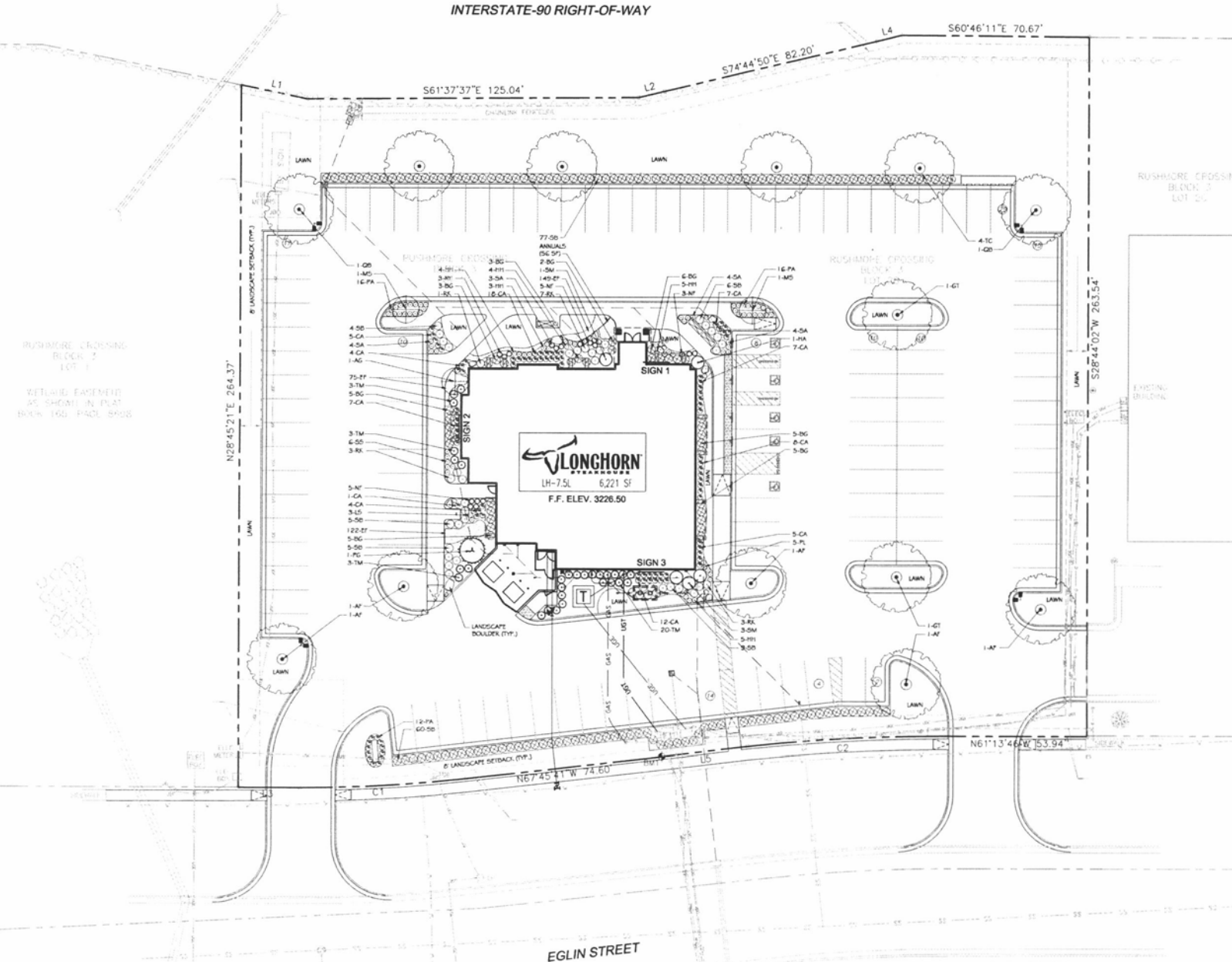


INTERSTATE-90 RIGHT-OF-WAY



- GENERAL NOTES:**
1. PROPERTY AREA: 1.89 AC 82,496 SF
  2. BUILDING AREA: 6,221 SF
  3. PARKING: 119 TOTAL SPACES
  4. ON-SITE SIGNAGE: 3 BUILDING SIGNS, 1 MONUMENT SIGN

LANDSCAPE DESIGN BY: **TERRAMARK**

www.terra-mark.com  
 (852) 292-2458  
 (852) 468-4786  
 Mark Kallies

ARCHITECTS PROJECT # 23804.000

**Kimley-Horn and Associates, Inc.**

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 TPE Form No. 928

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KHA PROJECT # 063887038

10420  
 LANDSCAPE ARCHITECT  
 REG. NO. 10420  
 KIMLEY-HORN AND ASSOCIATES, INC.  
 SAN ANTONIO, TEXAS

Signature: *[Signature]*  
 Elevation: 11.31.13

**GENERAL LANDSCAPE NOTES:**

1. CONTRACTOR SHALL CONTACT UTILITY LOCATE TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANT OR LANDSCAPE MATERIAL.
2. FINAL LOCATION OF ALL PLANTING SHALL BE DETERMINED IN THE FIELD BY THE OWNER'S REPRESENTATIVE.
3. NO PLANT MATERIAL WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
4. ANY MODIFICATIONS TO PLANTING LAYOUT, PLANT MATERIALS, ETC SHALL BE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER PRIOR TO EXECUTION.
5. SIZE AND GRADING STANDARDS OF PLANT MATERIAL SHALL CONFORM TO THE LATEST EDITION OF ANSI Z601, AMERICAN STANDARD FOR NURSERY STOCK, BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
6. ALL PLANT MATERIALS SHALL BE SOUTH DAKOTA NURSERY GROWN STOCK AND SHALL BE FREE OF ANY DEFECTS, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR DISFIGURED/CROWDED LEADERS, BARK ABRASION, SUBSCALD, INSECT DAMAGE, ETC ARE NOT ACCEPTABLE AND WILL BE REJECTED.
7. TREES NOT EXHIBITING A CENTRAL LEADER WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT LIST AS MULTI-STEM.
8. CONTRACTOR SHALL PROVIDE ONE YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS UPON WRITTEN ACCEPTANCE OF THE INITIAL PLANTING BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE. REPLACEMENT PLANT MATERIALS SHALL ALSO HAVE A ONE YEAR GUARANTEE WHICH COMMENCES UPON INSTALLATION.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL.
10. A MINIMUM OF 18" OF SOAM PLANTING SOIL SHALL BE USED WHEN PLANTING ALL TREES (ESDS OF HOI).
11. WRAP ALL SMOOTH BARKED TREES AND FASTEN THE TOP AND BOTTOM OF THE WRAP (REMOVE BY APRIL 15).
12. PLANTS SHALL BE INSTALLED IMMEDIATELY UPON ARRIVAL TO SITE.
13. BEDS ADJACENT TO BUILDING PAD SHALL BE MULCHED WITH ROCK MULCH (APPROX. 4"-6" DEGREE) TO MATCH OR COMPLEMENT BUILDING VENEER (PROVIDE SAMPLE FOR ARCHITECT'S APPROVAL). ALL OTHER BED AREAS TO BE MULCHED AS FOLLOWS:
  - 13.01. ALL TREES AND SHRUB BEDS NOT ADJACENT TO BUILDING PAD SHALL BE MULCHED USING 3"-4" OF PREMIUM SHREDED HARDWOOD BARK MULCH (MULCH SHALL BE PLACED SO THAT IT DOES NOT TOUCH THE TRUNK OF THE PLANT).
  - 13.02. ALL PERENNIAL AND GROUNDCOVER BEDS NOT ADJACENT TO BUILDING PAD SHALL BE MULCHED USING 2"-3" OF PREMIUM SHREDED HARDWOOD BARK MULCH.
14. TREES SHALL BE PLANTED SO THAT THE ROOT CROWN/FLARE IS SET 1"-2" ABOVE FINISHED GRADE. DO NOT USE THE EXISTING TOP OF THE ROOT BALL AS AN INDICATION OF THE LOCATION OF THE ROOT BALL.
15. CONTRACTOR SHALL REPAIR ALL DAMAGE TO PROPERTY WHICH RESULTS FROM THE PLANTING AND LANDSCAPE INSTALLATION AT NO COST TO THE OWNER.
16. APPLY A PRE-EMERGENT HERBICIDE TO ALL PLANTING AREAS, THAT WILL EFFECTIVELY CONTROL BROADLEAF AND GRASSY WEEDS, IMMEDIATELY AFTER PLANTING AND PRIOR TO INSTALLATION OF MULCH.
17. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.
18. CONTRACTOR TO PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
19. ALL PLANTING BEDS AND LAWN AREAS TO BE SEPARATED BY STEEL EDGING. NO STEEL TO BE INSTALLED ADJACENT TO SIDEWALKS OR CURBS.
20. ALL LANDSCAPE AREAS TO BE TOOE IRRIGATED WITH AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM AND SHALL INCLUDE RAIN AND FRETZE SENSORS.
21. ALL LAWN AREAS TO BE SOODED WITH SOLE KENTUCKY BLUEGRASS BLEND, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

**Landscape Calculations - Rapid City, SD**

|                                     |           |
|-------------------------------------|-----------|
| TOTAL SITE AREA:                    | 82,569 SF |
| TOTAL BUILDING AREA:                | 6,221 SF  |
| NET SITE AREA (TOTAL - BLDG. AREA): | 76,348 SF |

**SITE LANDSCAPE REQUIREMENTS:**  
 1 LANDSCAPE POINT REQUIRED PER SQUARE FOOT OF NET SITE AREA

|                                   | COUNT    | POINTS EARNED  |
|-----------------------------------|----------|----------------|
| LARGE TREES (2,000 POINTS EA)     | 14       | 28,000         |
| MEDIUM TREES (1,000 POINTS EA)    | -        | -              |
| SMALL TREES (500 POINTS EA)       | 3        | 1,500          |
| OPAQUE HEDGE (500 POINTS / 15 LF) | -        | -              |
| SHRUBS (250 POINTS EA)            | 245      | 61,250         |
| GROUND COVER (100 POINTS / SY)    | 488 SY   | 48,800         |
| LAWN AREAS (10 POINTS / SY)       | 2,129 SY | 21,290         |
| <b>TOTAL:</b>                     |          | <b>160,840</b> |

**TOTAL POINTS REQUIRED: 76,348**  
**TOTAL POINTS PROVIDED: 160,840**

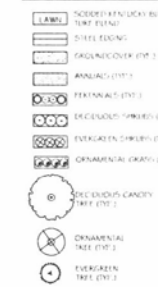
**PARKING LOT LANDSCAPE REQUIREMENTS:**  
 50% OF TOTAL POINTS REQUIRED MUST BE INTERIOR TO THE PARKING LOT OR WITHIN 20' OF THE PARKING LOT PERIMETER

|                                   | COUNT       | POINTS EARNED |
|-----------------------------------|-------------|---------------|
| LARGE TREES (2,000 POINTS EA)     | 9           | 18,000        |
| MEDIUM TREES (1,000 POINTS EA)    | -           | -             |
| SMALL TREES (500 POINTS EA)       | 2           | 1,000         |
| OPAQUE HEDGE (500 POINTS / 15 LF) | -           | -             |
| SHRUBS (250 POINTS EA)            | 144         | 36,000        |
| GROUND COVER (100 POINTS / SY)    | 125         | 12,500        |
| LAWN AREAS (10 POINTS / SY)       | NOT APPLIED | 0             |
| <b>TOTAL:</b>                     |             | <b>67,500</b> |

**TOTAL POINTS REQUIRED (76,348 x 0.50): 38,174**  
**TOTAL POINTS PROVIDED: 67,500**

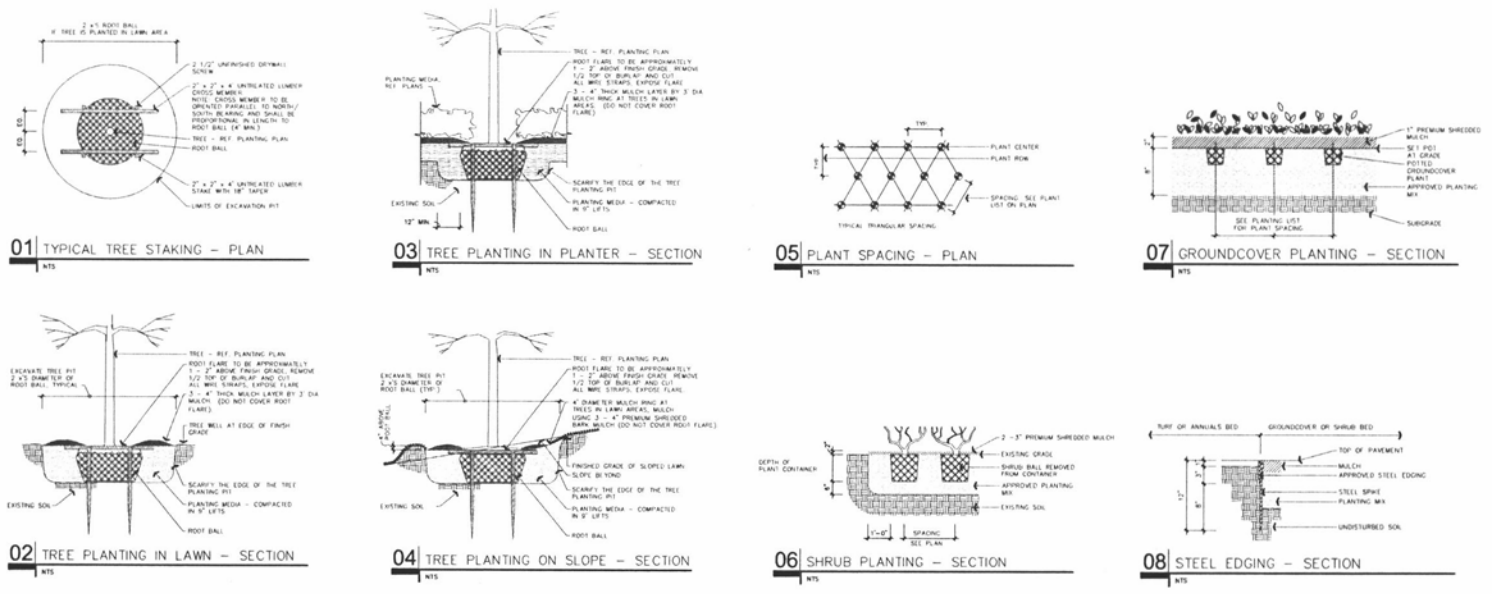
|   | REQ. | PROV. |
|---|------|-------|
| 1 PLANTER ISLAND REQUIRED PER 50 PARKING SPACES @ 7 SPACES / ISLAND                   | 2    | 12    |
| EACH PARKING SPACE TO BE WITHIN 120' OF THE PARKING LOT PERIMETER OR A PARKING ISLAND | YES  | YES   |

**LANDSCAPE LEGEND:**



**PLANT LIST:**

| KEY  | QTY. | COMMON NAME                    | BOTANICAL NAME                                | SIZE   | CONDITION | REMARKS            |
|--|------|--------------------------------|---|--------|-----------|--------------------|
| <b>Tree: Deciduous Canopy</b>                        |      |                                |   |        |           |                    |
| AF   | 5    | Autumn Blaze Maple             | Acer x 'heavenly' 'Jefferson'                 | 2' cal | B&B       | Specimen           |
| GT   | 2    | Skyline Honey Locust           | Gleditsia triacanthos var. inermis 'Skycole'  | 2' cal | B&B       | Specimen           |
| QB   | 2    | Bur Oak                        | Quercus bicolor                               | 2' cal | B&B       | Specimen           |
| TC   | 4    | Littleleaf Linden              | Tilia cordata 'Glenleven'                     | 2' cal | B&B       | Specimen           |
| <b>Tree: Deciduous Ornamental</b>                    |      |                                |   |        |           |                    |
| AG   | 1    | Autumn Brilliance Serviceberry | Amelanchier x grandiflora 'Autumn Brilliance' | 5' ht. | B&B       | Clump, Specimen    |
| MS   | 2    | Spring Snow Lilac              | Malus x 'Spring Snow'                         | 5' ht. | B&B       | Clump, Specimen    |
| <b>Tree: Evergreen</b>                               |      |                                |   |        |           |                    |
| PG   | 3    | Black Hills Spruce             | Picea glauca var. densata                     | 6' ht. | B&B       | Specimen, Straight |
| <b>Shrub: Deciduous</b>                              |      |                                |   |        |           |                    |
| SB   | 166  | Anthony Waterer Spirea         | Spiraea x bumalda 'Anthony Waterer'           | 3 gal. | Cont.     | Full, Even         |
| HA   | 1    | Annabelle Hydrangea            | Hydrangea arborescens 'Annabelle'             | 5 gal. | Cont.     | Full, Even         |
| SM   | 4    | Dwarf Korean Lilac             | Syringa meyeri 'Palibin'                      | 5 gal. | Cont.     | Full, Even         |
| RK   | 14   | Knock Out Rose                 | Rosa 'Knock Out'                              | 3 gal. | Cont.     | Full, Even         |
| <b>Shrub: Evergreen</b>                              |      |                                |   |        |           |                    |
| BG   | 34   | Chicagoland Green Boxwood      | Buxus x 'Glenco'                              | 5 gal. | Cont.     | Full, Even         |
| TM   | 29   | Taunton Yew                    | Taxus x media 'Tauntonii'                     | 5 gal. | Cont.     | Full, Even         |
| <b>Groundcovers: Perennials/Grasses/Groundcovers</b> |      |                                |   |        |           |                    |
| CA   | 73   | Feather Reed Grass             | Calamagrostis Karl Foerster                   | 1 gal. | Cont.     | Specimen           |
| HH   | 21   | Daylily                        | Hemerocallis spp.                             | 1 gal. | Cont.     | Specimen           |
| LS   | 3    | Liatris                        | Liatris spicata 'Kobold'                      | 1 gal. | Cont.     | Specimen           |
| NF   | 16   | Nepeta                         | Nepeta x 'basilica' Walker's Loaf'            | 1 gal. | Cont.     | Specimen           |
| PA   | 44   | Hamel's Fountain Grass         | Pennisetum alopecuroides 'Hamelii'            | 1 gal. | Cont.     | Specimen           |
| PL   | 5    | Russian Sage                   | Perovskia 'Little Spire'                      | 1 gal. | Cont.     | Specimen           |
| SS   | 6    | Salvia                         | Salvia x superba 'Mainacht'                   | 1 gal. | Cont.     | Specimen           |
| SA   | 15   | Sedum                          | Sedum x 'Autumn Joy'                          | 1 gal. | Cont.     | Specimen           |
| EF   | 346  | Purple Leaf Winter Creeper     | Euonymus fortunei var. 'Coloratus'            | 3"     | Cont.     | Specimen           |
| ANNUALS 56 SF By Owner                               |      |                                |   |        |           |                    |



FRCH  
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ARCHITECTS PROJECT # 23804.000

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KHA PROJECT # 063887038

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 LANDSCAPE ARCHITECT  
 REG. NO. 10420  
 KIMLEY-HORN AND ASSOCIATES, INC.  
 SAN ANTONIO, TEXAS

Signature: *[Signature]*  
 Elevation: 11.31.13

**LONGHORN**  
 RESTAURANT & BAR

Issue Date: 02.07.11

REVISION INFORMATION

|   |  |
|---|--|
| 1 |  |
| 2 |  |
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Restaurant #: 5406

**LONGHORN**  
 LH-7.5L

1510 & 1516 EGLIN ST.  
 RAPID CITY, SD 57701

RAPID CITY

DRAWING

**LANDSCAPE PLAN AND DETAILS**

L1.1