NW 1/4, SECTION 6, T. 24 N., R. 42 E., W.M.

TYPICAL STREET SECTION - AERO ROAD
NOT TO SCALE

TYPICAL STREET SECTION - INTERNAL STREETS
NOT TO SCALE

TYPICAL WIDENING SECTION - THOMAS MALLEN ROAD
NOT TO SCALE
STA 25+52.39 TO 35+88.85

NOTE: 10' UTILITY EASEMENT ON
RIGHT SIDE ADJACENT TO ROW FROM
STA 26+45.30 TO 36+73.13.

DATUM - NAVD 88

SCALE:

WCE

THOMAS MALLEN PHASE 1
TYPICAL STREET SECTIONS
THOMAS MALLEN RD AND AERO RD
SPOKANE COUNTY, WA

SHEET

15-1467

C0.2
GRANULAR FILL MATERIALS: STORMTECH SC-70 CHAMBER SYSTEMS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>LOCATION</th>
<th>DESCRIPTION</th>
<th>AASHTO/BLD.</th>
<th>COMPACTI.</th>
<th>VOLUMETRIC REQUIREMENTS</th>
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<td>GROUT</td>
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<td>NO</td>
<td>93% DENSITY - 10% AIR</td>
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<tr>
<td>ENTRANCE</td>
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<td>NO</td>
<td>93% DENSITY - 10% AIR</td>
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<tr>
<td>HC</td>
<td></td>
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<td>NO</td>
<td>93% DENSITY - 10% AIR</td>
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<tr>
<td>WALL</td>
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<tr>
<td>TREATMENT</td>
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<td>SOIL</td>
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<td>NO</td>
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**Stormwater Chamber Specifications**

1. **Chambers shall be STORMTECH SC-70 or approved equal.**
2. Chambers shall be manufactured from high-density polyethylene or polyvinyl chloride tested using ASTM standards.
3. Chambers shall be designed in accordance with ASTM E732 "Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers".
4. Chambers shall provide continuous, unobstructed internal space with no internal support elements.
5. The structural design of the chambers shall comply with the American Society of Civil Engineers Standard, Section 327-96 "Guide for Calibrating, Testing, and Using Metropolitan Storm Sewer Design Load Data and Designing Storm Drainage Structures" and the following short-duration rainstorm criteria: 10-year, 24-hour storm with a return period of 10 years.
6. Chambers that are approved by the engineer shall be fabricated in accordance with the engineering specifications.
7. Chambers shall be produced at an ISO 9001 certified manufacturing facility.
8. All design specifications for chambers shall be in accordance with the manufacturer's latest design manual.
9. The installation of chambers shall be in accordance with the manufacturer's latest installation instructions.
SWPPP/EROSION CONTROL PLAN
THOMAS MALLEN PHASE 1
LOCATED IN A PORTION OF THE
NW 1/4 OF SEC. B, T. 24 N., R. 42 E., W.M.
SPOKANE COUNTY, WA

INDEX TO PLAN SHEETS
C9.0 SWPPP/EROSION CONTROL COVER SHEET
C9.1 SWPPP NOTES
C9.2 SWPPP BMP'S
C9.3 SWPPP BMP'S

LEGEND

SWPPP/EROSION CONTROL PLAN
THOMAS MALLEN PHASE 1
SPOKANE COUNTY, WA

SITE PLAN
SCALE: 1" = 100'