

STRUCTURAL NOTES

1. All structural steel shall be AISC 360-10 Grade 50 unless otherwise specified.

MATERIAL SPECIFICATIONS

1.1.1.1. Steel Decking: Minimum 22 gauge, 48" wide, 24" deep, 1.5" high stiffeners, 1.5" spacing.

DESIGN LOADS

1.1.1.1. Dead Load: 15 psf (including deck, floor finish, and partitions).

DESIGN CODES

1.1.1.1. AISC 360-10: Specification for Structural Steel Buildings.

REINFORCEMENT CODES

1.1.1.1. ACI 308-11: Code of Practice for Concrete Reinforcement.

GENERAL NOTES

1.1.1.1. All work shall conform to the latest editions of the codes and specifications listed herein.

DETAILS

1.1.1.1. See detail sheets for specific connection and reinforcement details.

COORDINATION - ARCHITECTURAL, CIVIL, MECHANICAL AND ELECTRICAL ITEMS

1.1.1.1. Coordinate all structural work with architectural, civil, mechanical, and electrical requirements.

EXISTING CONDITIONS

1.1.1.1. Verify all existing conditions and dimensions before commencing work.

WORKING

1.1.1.1. Maintain safe working conditions and ensure proper fall protection is used.

TEMPORARY BRACING

1.1.1.1. Provide temporary bracing for all structural members during construction.

ROOF TOP EQUIPMENT/MECHANICAL

1.1.1.1. Coordinate roof top equipment and mechanical requirements with structural design.

GENERAL SOIL NOTES

1.1.1.1. Soil conditions shall be as shown on the geotechnical report.

FOUNDATIONS

1.1.1.1. Foundations shall be cast in place concrete on compacted fill.

UNDERPINNING FOUNDATIONS

1.1.1.1. Underpinning shall be performed in accordance with the geotechnical report.

CONCRETE

1.1.1.1. Concrete shall be cast in place and cured for a minimum of 7 days.

STRUCTURAL STEEL CONNECTIONS

1.1.1.1. Connections shall be welded in accordance with the design drawings.

COLD FORMED STRUCTURAL STEEL

1.1.1.1. Cold formed steel shall be used for non-structural members.

CONCRETE SLABS

1.1.1.1. Concrete slabs shall be cast in place and finished to the required level.

THICKENED SLAB ON GRADE

1.1.1.1. Thickened slab on grade shall be cast in place and finished to the required level.

CONCRETE TOPPING

1.1.1.1. Concrete topping shall be cast in place and finished to the required level.

CONCRETE COVER OF REINFORCEMENT

1.1.1.1. Concrete cover of reinforcement shall be maintained throughout construction.

REINFORCED CONCRETE MASONRY WALLS

1.1.1.1. Reinforced concrete masonry walls shall be constructed in accordance with the design drawings.

MASONRY VENEER

1.1.1.1. Masonry veneer shall be applied to the exterior walls in accordance with the design drawings.

STRUCTURAL STEEL

1.1.1.1. Structural steel shall be fabricated and erected in accordance with the design drawings.

STRUCTURAL STEEL CONNECTIONS

1.1.1.1. Structural steel connections shall be welded in accordance with the design drawings.

COLD FORMED STRUCTURAL STEEL

1.1.1.1. Cold formed structural steel shall be used for non-structural members.

DISTRIBUTION LINDERS

1.1.1.1. Distribution linders shall be installed in accordance with the design drawings.

REINFORCED LINDERS

1.1.1.1. Reinforced linders shall be cast in place and finished to the required level.

EMBEDDED LINDER JOISTS

1.1.1.1. Embedded linder joists shall be installed in accordance with the design drawings.

FLOOR FINISHES

1.1.1.1. Floor finishes shall be installed in accordance with the design drawings.

ROOF FINISHES

1.1.1.1. Roof finishes shall be installed in accordance with the design drawings.

ADHERENT/MECHANICAL ANCHORS

1.1.1.1. Adherent/mechanical anchors shall be installed in accordance with the design drawings.

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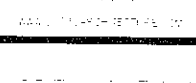
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LOGUS ARCHITECTURE
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Structural grid lines are shown in bold. All dimensions are in feet and inches.

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SHEET INDEX table with columns for sheet number and title.

SHEET TITLE

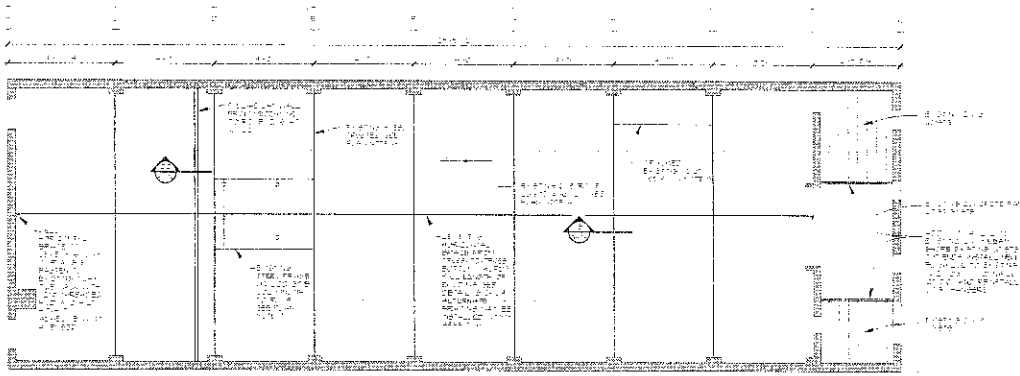
Structural Grid Lines

Structural Grid Lines

Structural Grid Lines

Structural Grid Lines

Structural Grid Lines



ROOF FRAMING PLAN

- 1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
- 2. ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED.
- 3. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.
- 4. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.
- 5. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.
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- 10. ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED.

SPECIAL INSPECTIONS

The contractor shall be responsible for the special inspections required by the building code. The contractor shall provide a list of special inspectors to the building department. The contractor shall provide a list of special inspectors to the building department. The contractor shall provide a list of special inspectors to the building department.

NO.	DESCRIPTION	INSPECTOR	TESTS	DATE	REMARKS
1	Foundation	1000	●		
2	Structural Steel	1000	●		
3	Concrete	1000	●		
4	Roof Deck	1000	●		
5	Roof Framing	1000	●		
6	Roof Deck	1000	●		
7	Roof Framing	1000	●		
8	Roof Deck	1000	●		
9	Roof Framing	1000	●		
10	Roof Deck	1000	●		
11	Roof Framing	1000	●		
12	Roof Deck	1000	●		
13	Roof Framing	1000	●		
14	Roof Deck	1000	●		
15	Roof Framing	1000	●		
16	Roof Deck	1000	●		
17	Roof Framing	1000	●		
18	Roof Deck	1000	●		
19	Roof Framing	1000	●		
20	Roof Deck	1000	●		

- SPECIAL INSPECTIONS FOR ROOFING**
- Roofing - Structural Steel**
 - 1. All structural steel members shall be inspected for proper fit and alignment.
 - 2. All structural steel members shall be inspected for proper welding.
 - 3. All structural steel members shall be inspected for proper painting.
 - Structural Steel Details**
 - 1. All structural steel details shall be inspected for proper fit and alignment.
 - 2. All structural steel details shall be inspected for proper welding.
 - 3. All structural steel details shall be inspected for proper painting.
 - High-strength Bolting**
 - 1. All high-strength bolting shall be inspected for proper fit and alignment.
 - 2. All high-strength bolting shall be inspected for proper torque.
 - 3. All high-strength bolting shall be inspected for proper painting.
 - Concrete Testing**
 - 1. All concrete shall be inspected for proper strength.
 - 2. All concrete shall be inspected for proper curing.
 - 3. All concrete shall be inspected for proper painting.
 - Masonry**
 - 1. All masonry shall be inspected for proper fit and alignment.
 - 2. All masonry shall be inspected for proper mortar.
 - 3. All masonry shall be inspected for proper painting.
 - Soil**
 - 1. All soil shall be inspected for proper compaction.
 - 2. All soil shall be inspected for proper drainage.
 - 3. All soil shall be inspected for proper painting.
 - Special Cases**
 - 1. All special cases shall be inspected for proper fit and alignment.
 - 2. All special cases shall be inspected for proper welding.
 - 3. All special cases shall be inspected for proper painting.



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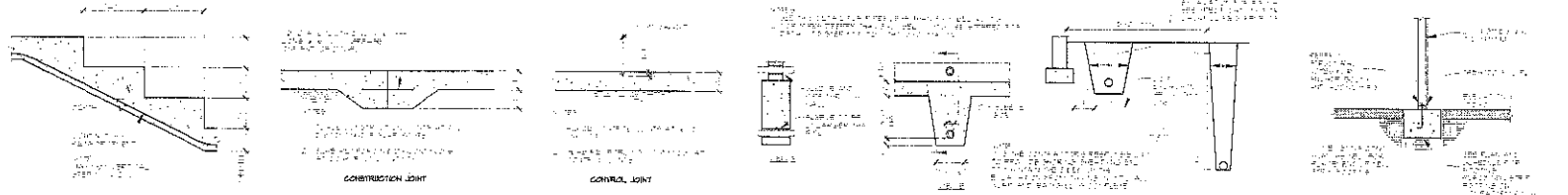
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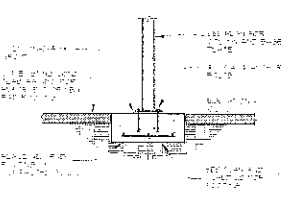


1 TYPICAL STEPPED FOOTING

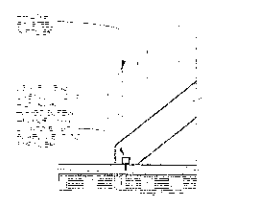
2 TYPICAL SLAB ON GRADE JOINTS

3 TYPICAL UNDERGROUND PIPING EXCAVATION

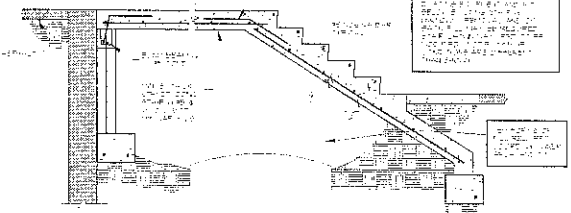
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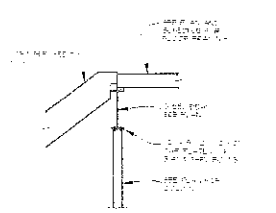
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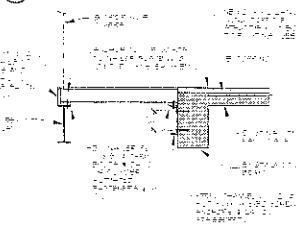
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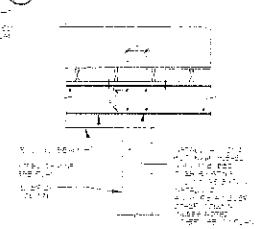
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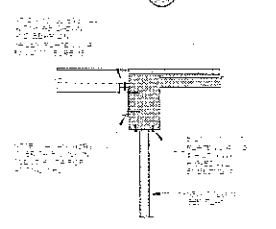
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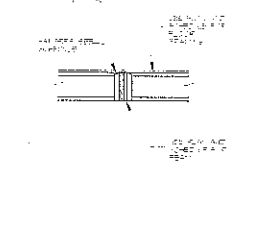
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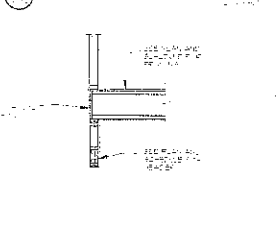
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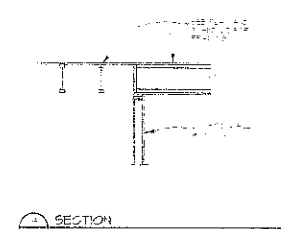
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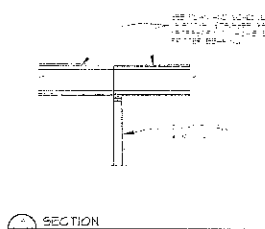
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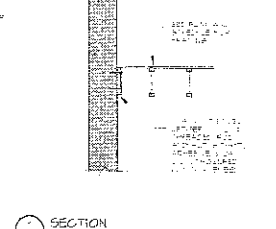
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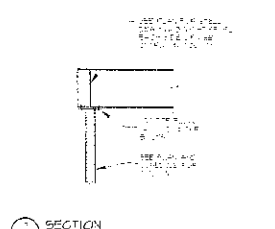
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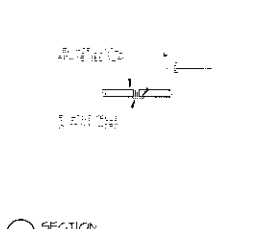
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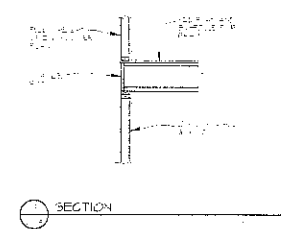
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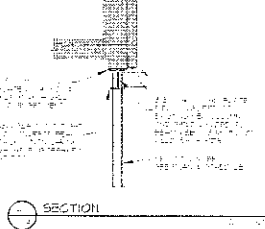
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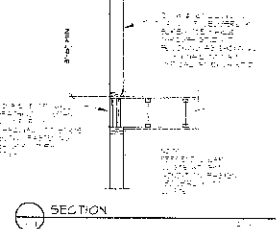
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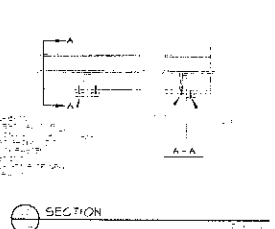
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PROJECT NO. _____
DATE _____
SHEET NO. _____

SHEET TITLE

SECTION