

GENERAL NOTES FOR BEAMS & WALLS:

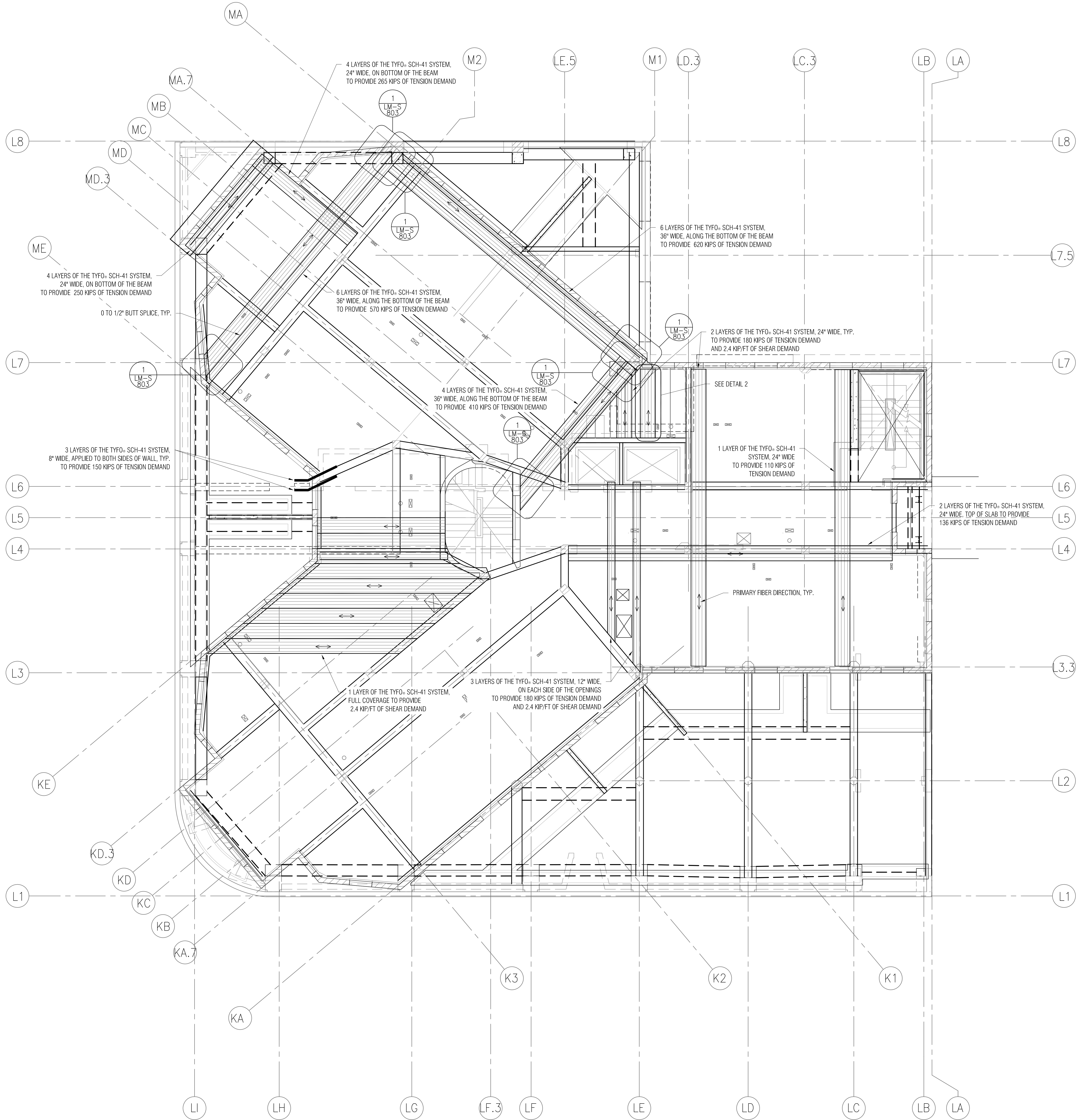
1. Mark perimeter of areas to be strengthened. The perimeter line should extend beyond the exact limits to ensure that all required areas are roughened.
2. Prepare all surfaces to receive composite strengthening by grinding, shot blasting or other means of abrasive methods to remove the existing laitance and expose aggregate.
3. Mark locations and drill holes for Tyfo® SCH Composite Anchors where required.
4. Remove dust and debris from surfaces using compressed air, brooms or vacuum.
5. Clearly mark all locations.
6. Apply one prime coat of Tyfo® S Epoxy to all areas to receive composite strengthening (epoxy may be thickened with Cab-o-sil based on the site conditions as determined by the on-site Fibrowrap® technician).
7. Immediately apply the first layer of pre-cut and pre-saturated Tyfo® Fibrowrap® System to the required locations as detailed.
8. Install the Tyfo® SCH Composite Anchors (where required).
9. Install remaining layers of the Tyfo® Fibrowrap® System as detailed.
10. Finish all seams and edges with thickened Tyfo® S Epoxy.
11. Allow approximately 12 hours (time may be adjusted by the on-site Fibrowrap® technician) of cure time prior to finish coating.
12. Finish to be coordinated per architectural drawings.

GENERAL NOTES FOR COLUMNS:

1. Prepare all surfaces to receive composite strengthening by removing dust and debris from surfaces using compressed air, brooms or vacuum.
2. Clearly mark all locations to receive composite.
3. Apply one prime coat of Tyfo® S Epoxy to all areas to receive composite strengthening (epoxy may be thickened with Cab-o-sil based on the site conditions as determined by the on-site Fibrowrap® technician).
4. Immediately apply the pre-cut and pre-saturated Tyfo® Fibrowrap® System to the required locations as detailed.
5. Finish all seams and edges with thickened Tyfo® S Epoxy.
6. Allow approximately 12 hours (time may be adjusted by the on-site Fibrowrap® technician) of cure time prior to finish coating.
7. Finish to be coordinated per architectural drawings.

GENERAL NOTES FOR APPLICATION OF FRP TO STEEL:

1. Prepare all surfaces to receive composite strengthening by sanding off existing metal scale using metal grinder to expose white steel.
2. Wipe off any dust and oils with Acetone right before fiberwrap placement.
3. Allow steel to dry for 15 minutes.
4. Apply one coat of the Tyfo MB3 epoxy, 15 mils thick.
5. Immediately apply the pre-cut and pre-saturated Tyfo Web System to the required locations as detailed.
6. Apply remaining layers of the Tyfo SCH-41 System.
7. Finish all seams and edges with thickened Tyfo S Epoxy.
8. Allow approximately 48 hours (time may be adjusted by the on-site Fibrowrap technician) of cure time prior to finish coating.
9. Finish to be coordinated per Architectural Drawings.



REVISION	DESCRIPTION	DATE
02	Revised	06/07/2015
03	Revised	06/04/2015
04	Revised	10/02/2015
05	Revised	02/27/2016

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MIXED-USE HOTEL PROJECT
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2ND FLOOR DIAPHRAGM FRP STRENGTHENING
AND FRP GENERAL NOTES

PRELIMINARY & NOT
FOR CONSTRUCTION

DRAWN	
CHECKED	
APPROVED	
SCALE	AS NOTED
SHEET	LM-S-802
DATE	JUNE 25, 2013
PROJECT NUMBER	10129