Include the following items on project drawings. See DCSM sections 2.4 and 2.7 for additional details on drawings. See DCSM section 2.7.5.4 for additional information on concrete.

**Instructions**:

Indicate your response to each item in the checklist. Select ‘Yes’ if the checklist item has been completed in full. Select ‘No’ or ‘N/A’ if that item is not included or not required for the specific project. Explain why that item has not been included in the submittal.

| **RESPONSE** | **REQUIREMENTS** |
| --- | --- |
|  | Cast-in-Place Concrete |
| Choose an item. | Provide loading assumptions. |
| Choose an item. | Provide material strengths used in design. |
| Choose an item. | Provide yield strength of reinforcement required. |
| Choose an item. | Provide details of reinforcement bars. Show number, sizes, bends, laps, and stopping points of bars. Provide location and details of stirrups. Provide mechanical connections to reinforcement bars. |
| Choose an item. | Show wire size and weight or wire size and spacing of wire fabric reinforcement and locations where used. |
| Choose an item. | Provide details of concrete sections, showing dimensions, reinforcement cover, and required camber. |
| Choose an item. | Provide expansion, contraction, and construction joint locations with dimensions and details. |
| Choose an item. | Provide details and locations of critical construction joints. Include waterstop locations and splices. Indicate keys and dowels when required. |
| Choose an item. | Show locations where structural lightweight concrete or lightweight insulation or fill concrete will be used. |
| Choose an item. | Show locations and details for depressed structural slabs where required for static-disseminating and spark-resistant tile, terrazzo, or other floor finishes in order to provide finished surfaces at the same elevations. |
| Choose an item. | When exposed concrete surfaces are specified, indicate the locations in the finished structure. If a finish other than cast finish is required, indicate the type and location. |
|  | Precast Concrete (Prestressed and Non-prestressed) |
| Choose an item. | Provide live and dead (and lateral) loads for design. Indicate whether the topping is included in the specified dead load |
| Choose an item. | Provide details and locations for fitting, bearing, and connection of units. |
| Choose an item. | Show location of expansion and control joints. |
| Choose an item. | Indicate style and area of steel fabric reinforcement in areas where required. |
| Choose an item. | Indicate kind and size of reinforcing bars and spacing. |
| Choose an item. | Indicate strength and type of concrete. |
| Choose an item. | Provide detail of placement of sealant or fillers in joints |
| Choose an item. | Provide fire rating. |
| Choose an item. | Provide lightweight concrete unit weight. |
| Choose an item. | For non-prestressed concrete, provide special requirements for concrete cover over reinforcing. |
| Choose an item. | In areas where toppings are required, indicate those areas where the full thickness of the topping is not present. |
| Choose an item. | For prestressed concrete, provide camber. |
| Choose an item. | For prestressed concrete, provide tendon types, physical properties, and allowable design stresses. |
| Choose an item. | For prestressed concrete, indicate special requirements for concrete cover over tendons and other reinforcing. |