TG13.1 – Roof Park Landscaping and Irrigation

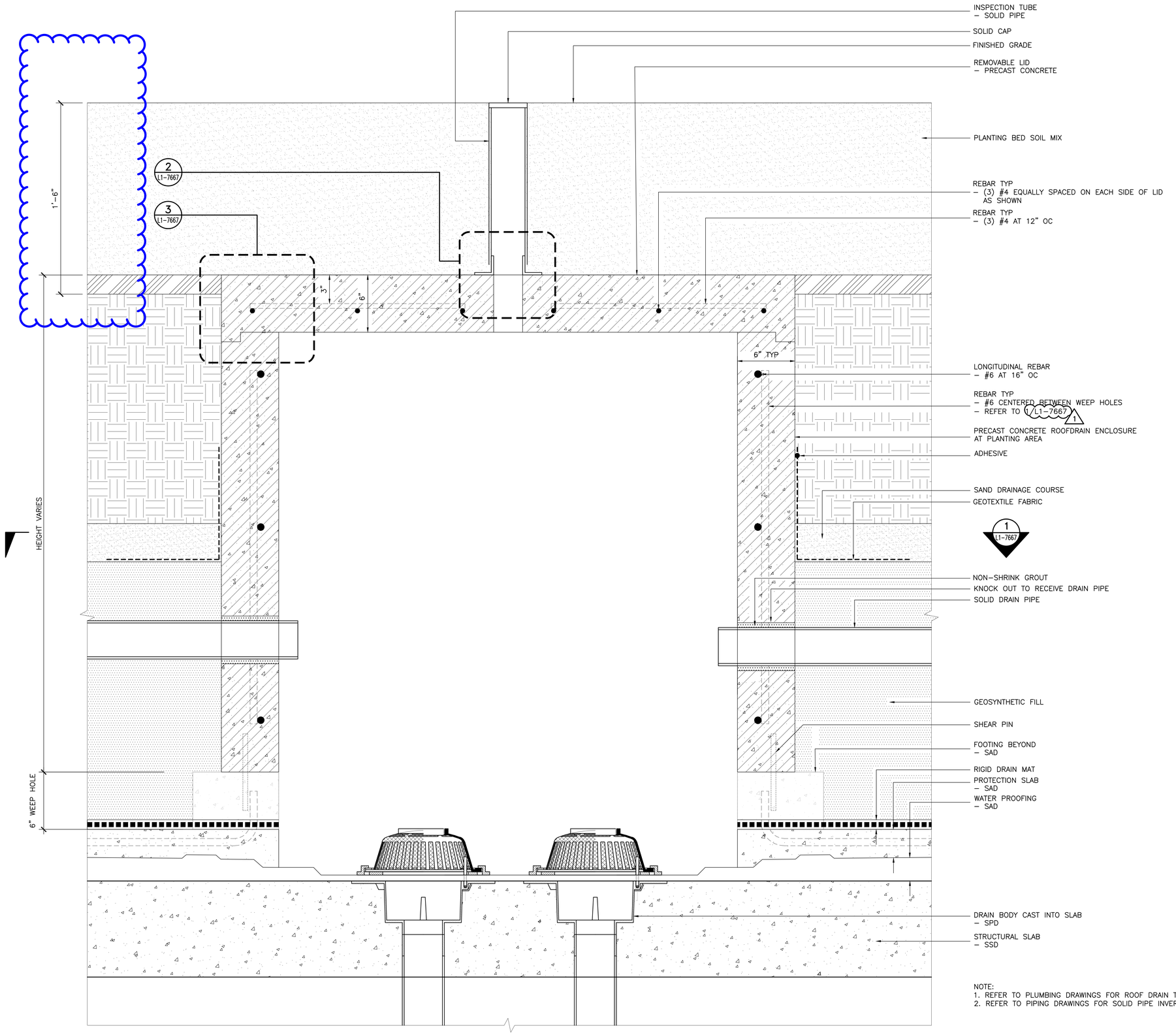
Questions are numbered in the order received. Numbers missing in the sequence either have been answered in a previous response set or will be answered in a future set.

Question No.	Submission Date	Drawing No.	Document/ Spec. No.	Question	Response
TG13.1-060	4/16/2015	00 08 06 PLA, L1-4602-4607 and L1-6632-6637		Please confirm which unions are claiming the drainage (as shown on the piping sheets L1-4602 to L1-4607) and the irrigation (as shown on irrigation sheets L1-6632 to L1-6637).	Local 38 Plumbing Union claims landscape irrigation within building limits, including drainage piping; however, perforated drainage piping may be an exception. Contact Bill Blackwell of Local 38 at 415-626-2000 for further clarification on Union jurisdiction.
TG13.1-064	4/22/2015	SKLA 376, RFI 2173	TG13.1 Pre-Bid Presentation Slide 14	We are requesting clarification if there will be a formal Detail issued for the attached Roof Park Utility Trench Diagram that was shown on Page 14 of the Pre-Bid Meeting Presentation.	The sketch provided suggests an option for the general arrangement of conduit along this corridor, as a guideline for installation. A coordinated shop drawing detailing Rooftop Park Utility Trench specifications shall be provided by the TG13.1 Trade Subcontractor. No formal drawing will be issued.
TG13.1-065	4/22/2015	32 34 10, Part 2 Products; 2.2.A., L1-5602 through L1-5607, Details 1 & 2/L1-7690		We understand that we are responsible for determining the amount of Geo-Synthetic Fill required. We are requesting the Architect's estimated quantity of the Geo-Synthetic Fill for comparison use only.	The Architect's estimated quantity will not be provided. Bidder should refer to the contract drawings to determine estimated quantities.
TG13.1-066	4/22/2015	32 91 00, Part 2 - Products, 2.4, L-0005, L1-5622 through L1-5627, Details 1 through 9 on L1-9660		We understand that we are responsible for determining the amount of Soil Mixes required. We are requesting the Architect's estimated quantities of the various Soil Mixes as listed in the "General Park Level Soils Plans" Legend on Sheet L-0005, and as shown on the Park Level Soils Plans Phase 1 Sheets L1-5622 through L1-5627 for comparison use only.	The Architect's estimated quantities will not be provided Bidder should refer to the contract drawings to determine estimated quantities.

TG13.1-067	4/22/2015	03 45 00, Part 2 - Products; 2.3.B., L1-7664, L1-3602 through L1-3607, L1-4602 through L1-4607		We are requesting the Top of Lid Elevations for all the Precast Concrete Roof Drain Enclosures at Planting Areas that are shown on Sheets L1-4602 through L1-4607, in order to determine the overall heights required. Currently the only Top of Lid Elevations provided are those shown in Detail 1-Bamboo Grove Subslab Enlargement Plan on Sheet L1-2646.	The top of lid elevation of the precast concrete roof drain is 1'-6" below finish grade. Please refer to attached SKLA 401.0 for clarification.
TG13.1-068	4/22/2015	2/L1-9665, L1-5622 through L1-5627		We are requesting clarification as to the limits of where the ¾" Plywood and ½" Protection Board is to be installed around the 3" Waterproofing Assembly at the Beams. Are they to be installed only at the Beams within the Soil Mix Areas as shown on the Park Level Soils Plans Sheets L1-5622 through L1-5627?	Yes. The 3/4" plywood and 1/2" protection board shall be installed only at the beams within the soil mix area, as shown on the park level soils plan. Refer to L1-5622 to L1-5627.
TG13.1-069	4/22/2015	33 41 19, Part 2 - Products; 2.2.J, 1/L1-9650, L1-4604		On this Sheet there are 3 each Catch Basin with Area Drain Grate – 9" diameter shown to be installed in the Bus Fountain Precast Concrete Modules. 1 is between Grid Lines 13 & 14 and B & C; 1 is between Grid Lines 14 & 15 and B & C; 1 is between Grid Lines 18 & 19 and B & C. However, per the Park Level Details Precast Concrete shown on Sheets L1-7655 through L1-7658, there is only a Knock for a Drain Body – 4" Diameter. Please clarify if the Catch Basin in the Precast Concrete Modules are to be 9" diameter or 4" Diameter.	Please refer to attached SKLA 402.0 through 402.3 for clarification. All drains in basin are 4".
TG13.1-070	4/22/2015	33 41 19, Part 2 - Products; 2.2.P., 3/L1-9650, L1-3603, L1-4603		On Sheet L1-3603 there are 3 each Area Drain in Planting – 8" diameter shown to be installed at the following Grid Lines: 1 between Grid Lines 7 & 8 and Grid Lines C.3 & D with a Rim Elevation 86.40; 1 between Grid Lines 6 & 7 and Grid Lines D.4 & D.8 with a Rim Elevation 86.30; and 1 between Grid Lines 6 & 7 and Grid Lines E.6 & F with a Rim Elevation 86.30. They are along the base of the Mound. However, these Area Drains are not shown on Plan Sheet L1-4603 Park Level Zone 03 Piping Plan Phase 1. Please clarify if these Area Drains are to be installed.	The area drains were added to the piping plan. Refer to SKLA 402.0 enclosed in the response to QBD TG13.1-069.

TG13.1-071	4/22/2015	33 41 19, Part 2 - Products; 2.2.P., 3/L1-9650, L1-3605, L1-4605		On Sheet L1-3605 there is an Area Drain in Planting – 8" diameter shown to be installed between Grid Lines 23 & 24 and Grid Lines F & F.7 with a Rim Elevation 86.16. In addition this Area Drain is shown to be installed on Top of the Roof Drain Enclosure in the Bamboo Basin at the same Grid Lines as above on Sheet L1-4605. Please clarify if this Area Drain is to be installed at the location as shown.	The area drain was deleted. Refer to SKLA 404 attached for clarification.
TG13.1-072	4/22/2015	33 41 19, Part 2 - Products; 2.2.K., 4/L1-9651, L1-3606, L1-4606		On Sheet L1-3606 there is an Area Drain in Paving shown to be installed in the lower Stair landing area between Grid Lines 30 & 31 and Grid Lines E.6 & F with a Rim Elevation 83.50. However on Sheet L1-4606 the invert Elevation for this same Area Drain between Grid Lines 30 & 31 and E6. & F is shown to be 84.09. Please clarify the Rim and Invert Elevations.	The area drain rim elevation in the lower stair landing area is 83.50 as shown on sheet L1-3606. The invert elevation for the area drain was omitted. Refer to the responses to QBD TG13.1-025 and -026 for clarification.
TG13.1-074	4/22/2015	12 93 00, Part 2 Products, 2.3.A & B, Details 1 through 6 on L1-9630, Details 1 through 6 on L1-9631		Please find attached, for the owner's review and comments, a letter from Studio 431/ landscapeforms regarding the usage of Black Locust Lumber with Site Furnishings, as is specified on this Project. They are expressing their concerns regarding the Weatherablility and Long-Term Aesthetics and have included images of typical results of weathered Black Locust when used in such instances. Currently they have provided a quote using FCS IPE Lumber for the Wood Slat Bench and Wood Slat Chairs. Please advise if this will be an acceptable alternative to the Black Locust Lumber.	Please provide bid based on material indicated in Contract Documents. Proposed alternate is not acceptable as it is in conflict with TJPA's recommended guideline: TROPICAL HARDWOOD AND VIRGIN REDWOOD BAN Pursuant to Section 804(b) of the San Francisco Code, the TJPA urges contractors not to import, purchase, obtain, or use for any purpose, any tropical hardwood product, virgin redwood or virgin redwood wood product.
TG13.1-075	4/22/2015	L1-9632 Details 1 through 4	L1-9632 Details 1 through 4	In Item iii. Site Furniture it states "not limited to the following, i.e., Benches, Bollards, Fountains and Pylons; this Trade Subcontractor shall install these items near the completion of roof park and coordinate with WOJV." We are requesting clarification if we are to install the Bollards, Fountains and Pylons since according to Exhibit A Item 3. Base Bid Scope; Roof Park Site Furnishings; Items 1 and 2, these items are not included in Trade Package TG13.1, only the Wood Slat Benches and Chairs, and the Café Chairs and Tables.	The TG13.1 Trade Subcontractor shall furnish and install footings for the utility bollard and drinking fountains as stated in the Exhibit A, IV. Scope of the Package and Bid Item Information, 3. Base Bid Item Scope. Utility bollard and drinking fountain embeds shall be provided by others for the TG13.1 Trade Subcontractor to place in their respective footings. Pylons are not in the TG13.1 Trade Subcontractor's scope of work.

TG13.1-076	4/22/2015	04 22 00, L1-7610 Detail 1 - 4, L1-7612 Detail 1 - 2, L1-2622 through L1-2627		We are requesting a Plan which shows the Top and Bottom Elevations for all the CMU Support Walls, as shown on the Park Level Subslab Plan Phase 1 Sheets L1-2622 through L1-2627.	The top of CMU wall footings can be found on the Architectural Protection Slab Plans (A1-2912 thru A1-2917). The bottom of the footings can be derived from the slopes provided on these plans.
TG13.1-077	4/22/2015	L1-7630		We are requesting clarification as to which Trade Subcontractor is responsible for installing the Glass Paving at Seismic Joint B.	The Glass Paving at Seismic Joint B is integral to the glass floor system and shall be installed by the TG08.11R Trade Subcontractor.



NOTE:
1. REFER TO PLUMBING DRAWINGS FOR ROOF DRAIN TYPE/LOCATION.
2. REFER TO PIPING DRAWINGS FOR SOLID PIPE INVERTS.

1 / L1-7665 PRECAST CONCRETE ROOFDRAIN ENCLOSURE AT PLANTING AREA

SCALE: 3" = 1'

Note: If this sheet is not 44" x 34", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

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TRANSBAY TRANSIT CENTER PROGRAM
TRANSBAY JOINT POWERS AUTHORITY
PWP LANDSCAPE ARCHITECTURE

SKLA-401.0

DRAWN BY: MG
CHECKED BY: CL

DATE: 04/30/15

SCALE: AS SHOWN
PROJECT NO.

DRAWING TITLE: Response to RFI TG13.1-067

REVISIONS
08 04 CMGC 000
DESCRIPTION
FOR CONSTRUCTION
12/16/14 PER AS NO. 0128

TRANSBAY TRANSIT CENTER PROGRAM
PARK LEVEL DETAILS
PRECAST CONCRETE

LANDSCAPE ARCHITECTURE

Transbay Transit Center

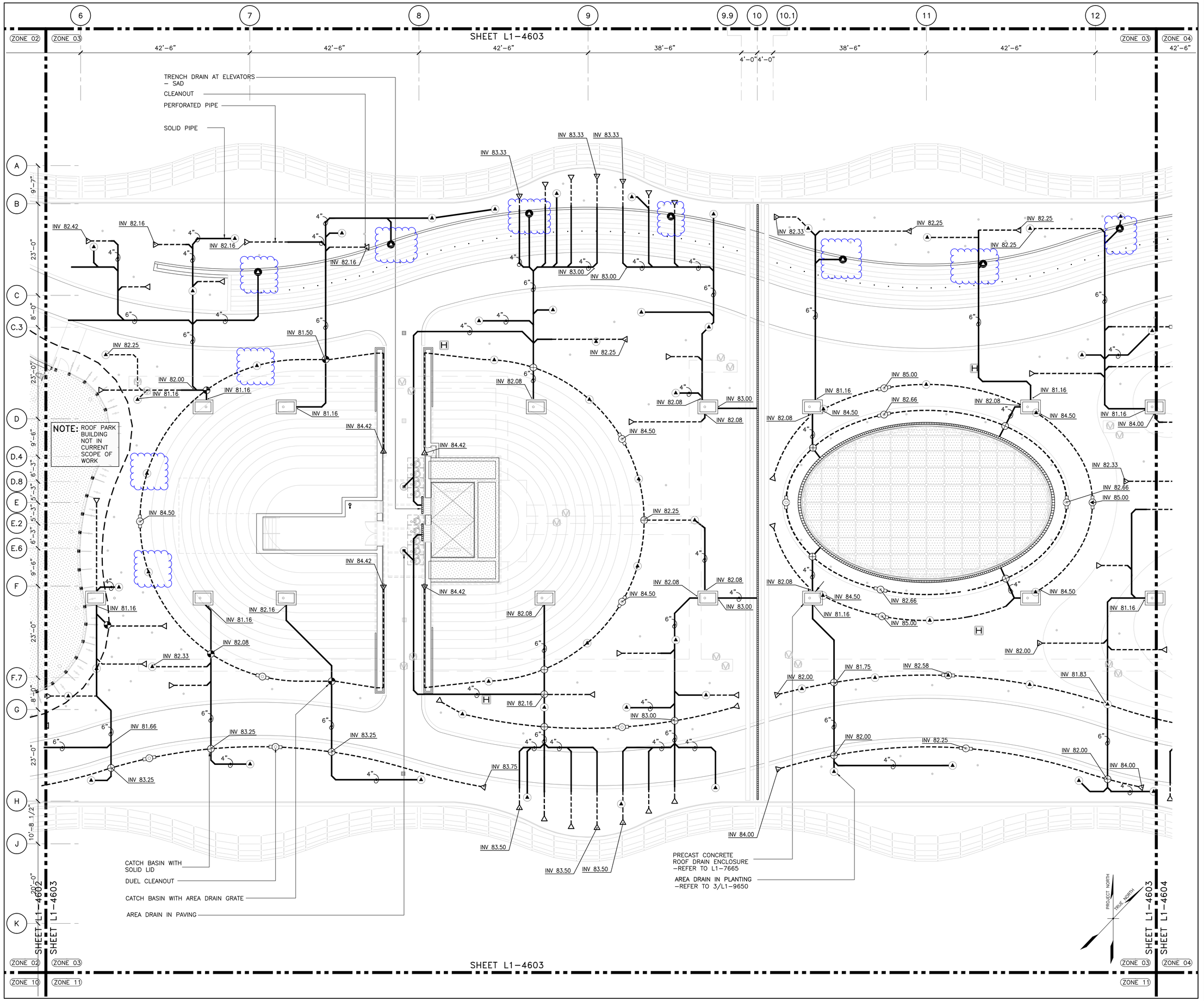
PROJECT TITLE

PROJECT/ENGIN

APPROVED:
PRINCIPAL ARCHITECT: FINDLAY
APPROVED:
PROJECT MANAGER: A. GREENSPAN
APPROVED:
PROJECT MANAGER: J. SASSON
DESIGNED BY: P. WALKER
DRAWN BY: B. GILLETT
CHECKED BY: J. CANTER
DATE: 12/16/2014
SCALE: AS NOTED
SIZE: E
FACILITY NO.: 140
REVISION
APPROVED: CONSTRUCTION MANAGER

L1-7665 __ of __

ISSUED FOR CONSTRUCTION



1 L1-4603 PARK LEVEL ZONE 03 PIPING PLAN
SCALE: 1/8" = 1'-0"

Note: If this sheet is not 44" x 34", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

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ISSUED FOR CONSTRUCTION

SKLA-402.0

DRAWN BY: MG
CHECKED BY: CL

DATE: 04/30/15

DRAWING TITLE: Response to RFI TG13.1-069

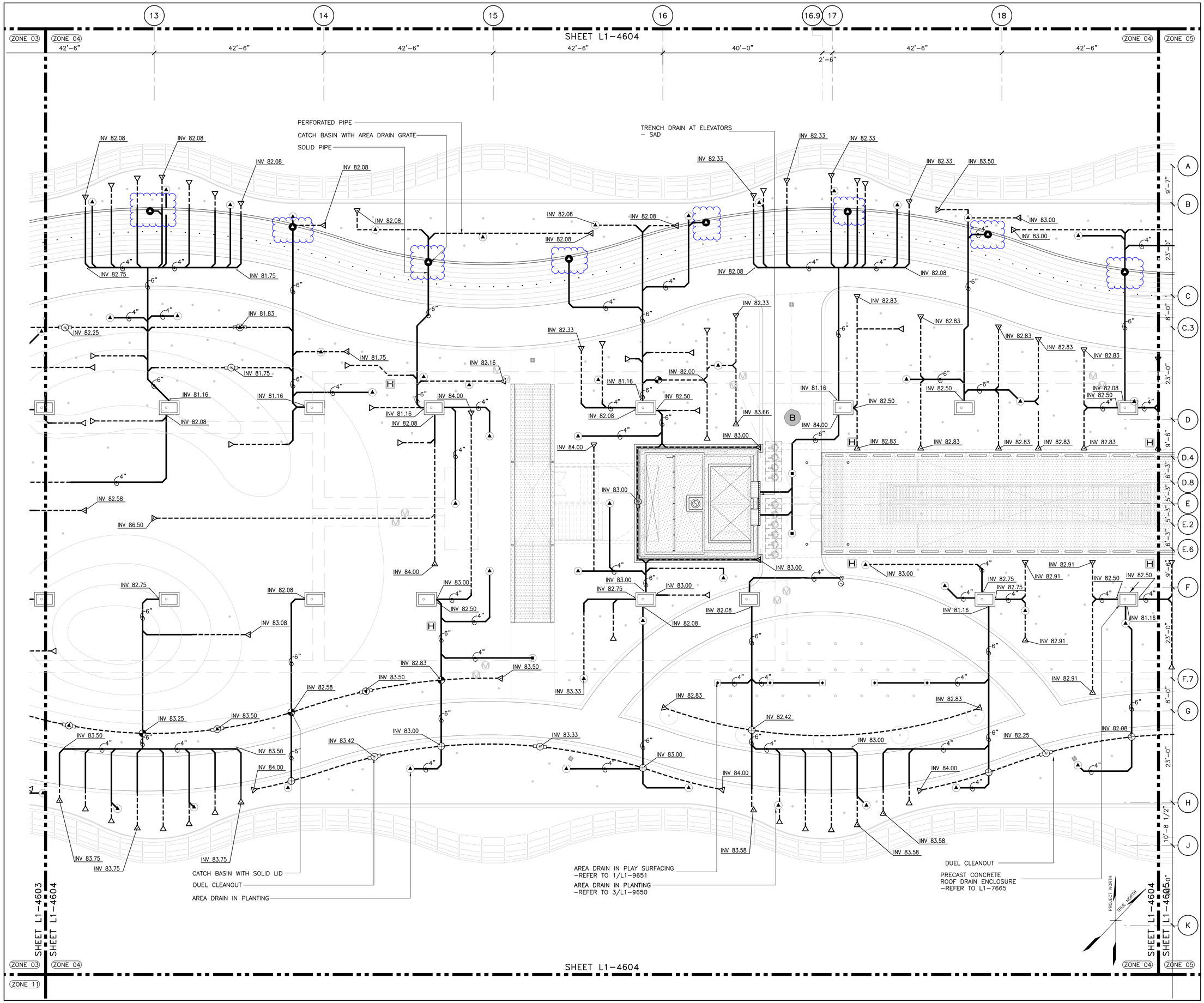
SCALE: AS SHOWN
PROJECT NO.

LANDSCAPE ARCHITECTURE

TRANSBAY TRANSIT CENTER PROGRAM
PHASE I

REVISIONS

L1-4603



1 L1-4604 PARK LEVEL ZONE 04 PIPING PLAN
SCALE: 1/8" = 1'-0"

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SCALE IN FEET

Note: If this sheet is not 44" x 34", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

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SKLA-402.1

DRAWN BY: MG
CHECKED BY: CL

DRAWING TITLE: Response to RFI TG13.1-069

DATE: 04/30/15

SCALE: AS SHOWN
PROJECT NO.

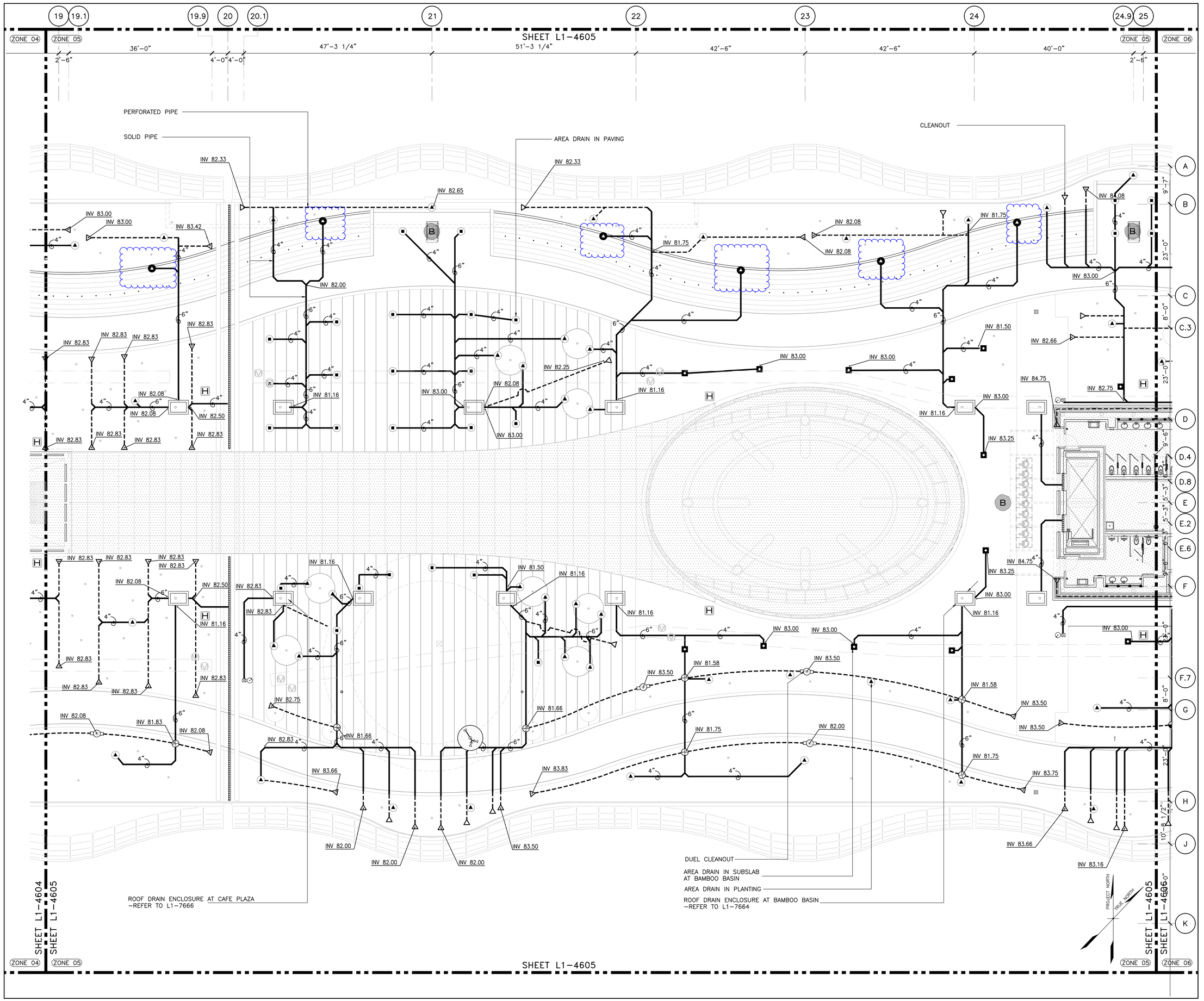
PWP
LANDSCAPE ARCHITECTURE

ZONE 04 PIPING PLAN

Transbay Transit Center

L1-4604 __ of __

ISSUED FOR CONSTRUCTION



1 L1-4605 PARK LEVEL ZONE 05 PIPING PLAN
SCALE: 1/8" = 1'-0"

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SCALE IN FEET

Note: If this sheet is not 44" x 34", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

DRAWING TITLE: Response to RFI TG13.1-069

SKLA-402.2

DRAWN BY: MG
CHECKED BY: CL

DATE: 04/30/15

SCALE: AS SHOWN
PROJECT NO.

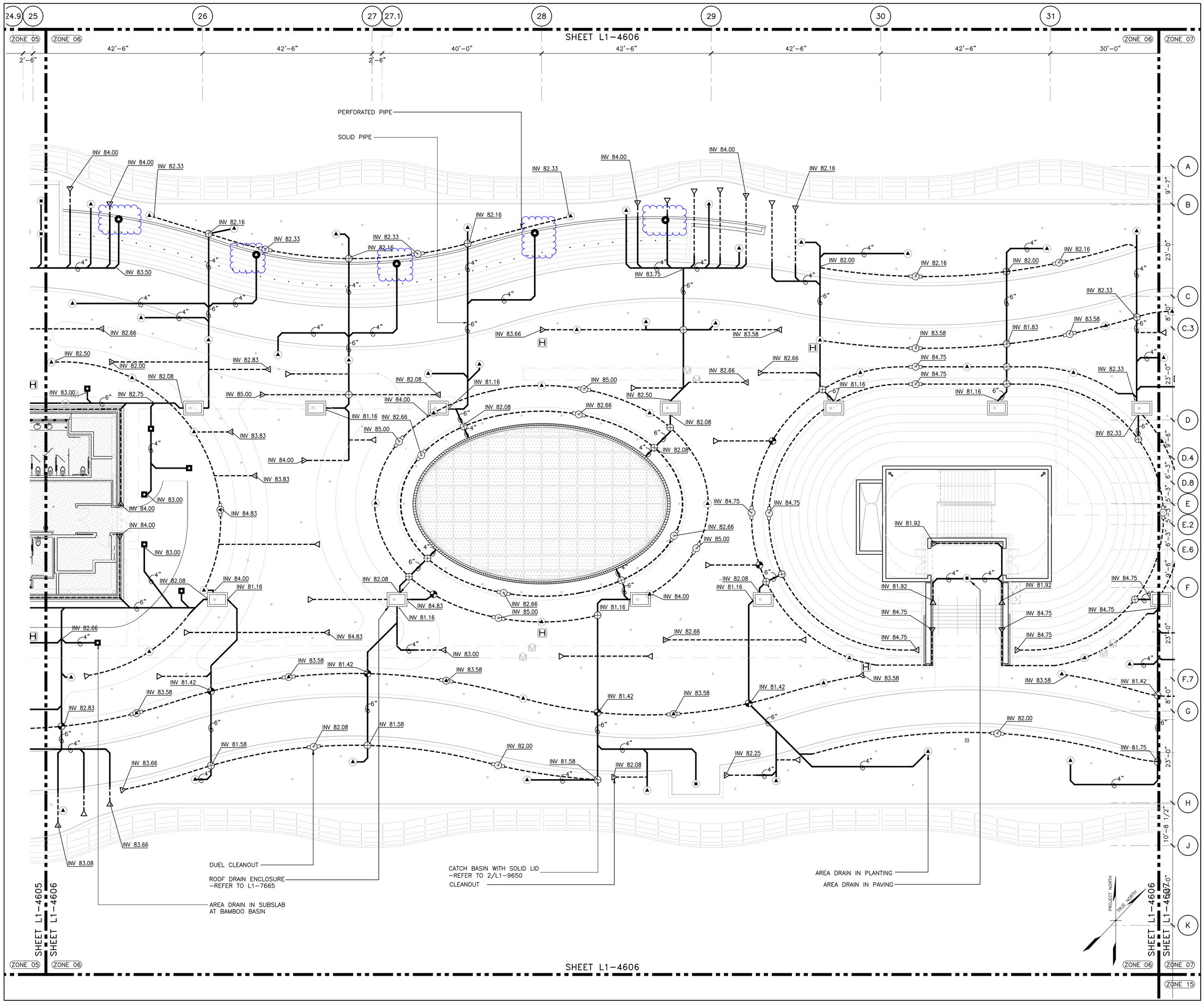
PWP LANDSCAPE ARCHITECTURE

Transbay Transit Center

L1-4605 __ of __

ISSUED FOR CONSTRUCTION

XREFS: TJPA-TB 34x44E.dwg\ XAGRID-96.dwg\ XLZONES.dwg\ XLFLRPKPH1.dwg\ XAFLRPKPH1.dwg\ XLSDPPKPH1.dwg\ XLGRADPKPH1.dwg\ XLTREEPKPH1.dwg\ XLMHUTPKPH1.dwg\ XLSUBDPKPH1.dwg



1 L1-4606 PARK LEVEL ZONE 06 PIPING PLAN
SCALE: 1/8" = 1'-0"

Note: If this sheet is not 44" x 34", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

SKLA-402.3

DRAWN BY: MG
CHECKED BY: CL

DRAWING TITLE: Response to RFI TG13.1-069

DATE: 04/30/15

SCALE: AS SHOWN
PROJECT NO.

PWP
LANDSCAPE ARCHITECTURE

ZONE 06 PIPING PLAN

Transbay Transit Center

ISSUED FOR CONSTRUCTION

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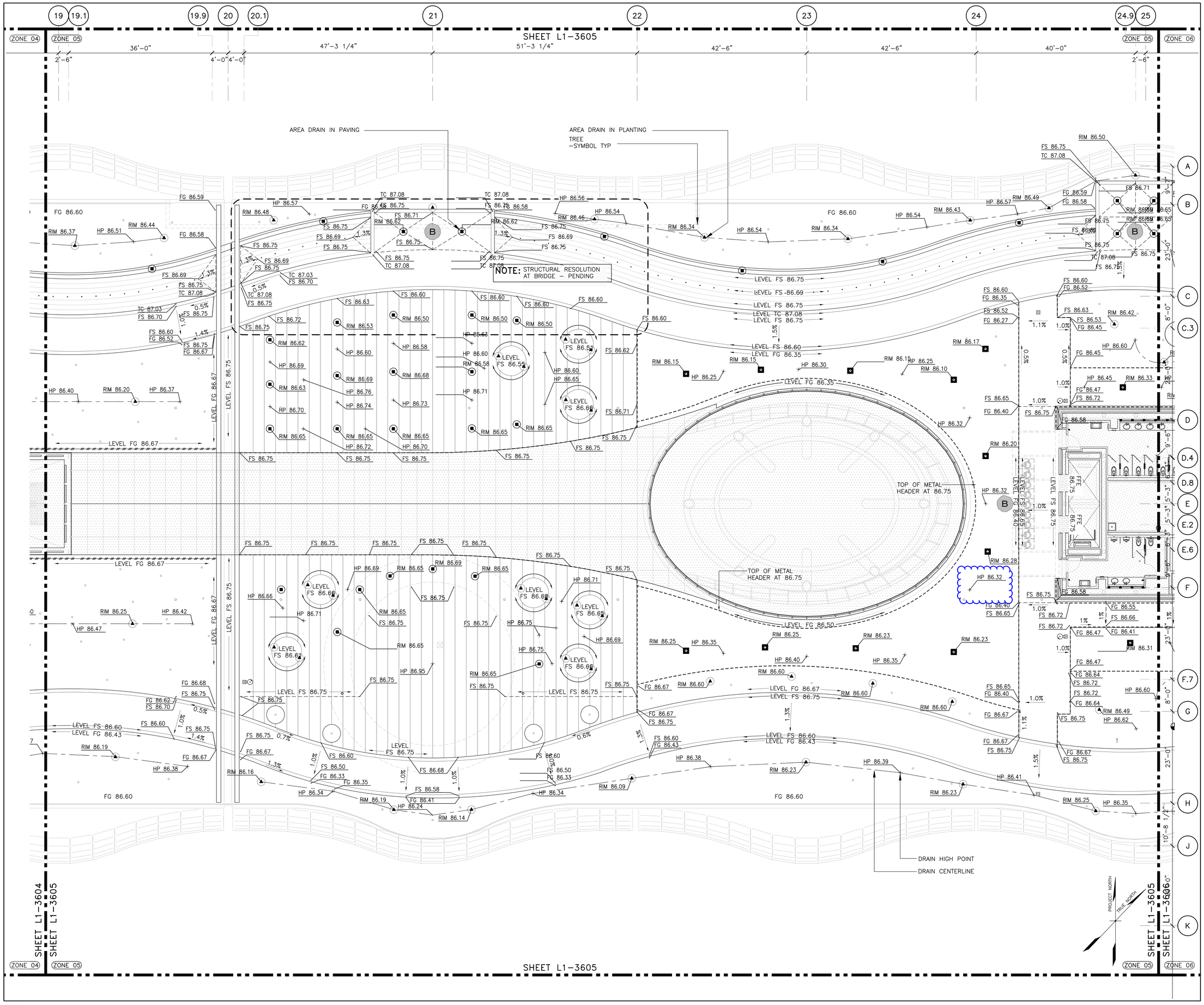

1 L1-3605 PARK LEVEL ZONE 05 GRADING & DRAINAGE PLAN
SCALE: 1/8" = 1'-0"

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SCALE IN FEET

Note: If this sheet is not 44" x 34", it has been revised from its original size. Scales noted on drawings/details are no longer applicable.

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ISSUED FOR CONSTRUCTION

TRANSBAY JOINT POWERS AUTHORITY
PWP LANDSCAPE ARCHITECTURE

SKLA-404

DRAWN BY: SJP
CHECKED BY: CL

DATE: 04/30/15

REVISIONS

DRAWING TITLE: Response to RFI TG13.1-071

SCALE: AS SHOWN
PROJECT NO.

TRANSBAY TRANSIT CENTER PROGRAM
ZONE 05 GRADING AND DRAINAGE PLAN
PHASE 1

LANDSCAPE ARCHITECTURE

Transbay Transit Center

PRINCIPAL LANDSCAPE ARCHITECT: FINDLAY
PROJECT MANAGER: EENSBAN
PROJECT MANAGER: SASSON
DESIGNED BY: P. WALKER
DRAWN BY: S. PARK
02/27/2015
SCALE: 1/ " = 1'-0"
SIZE: E
FACILITY NO.: 140
REVISION: 2
SHEET NUMBER: L1-3605
SEQUENCE NUMBER: 01