

City of Albuquerque P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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September 14, 1992

Victor Chavez Chavez-Grieves Consulting Engineers 4600-C Montgomery Blvd., NE Albuquerque, New Mexico 87109

RE: REVISED DRAINAGE PLAN FOR PRESBYTERIAN WAREHOUSE ADDITION (J-14/D68A) REVISION DATED AUGUST 25, 1992

Dear Mr. Chavez:

Based on the information provided on your August 26, 1992 resubmittal, the above referenced site is approved for Certificate of Occupancy.

If I can be of further assistance, please feel free to call me at 768-2667.

Sincerely,

Engineering Assistant

cc: Alan Martinez, Drainage Inspector - PWD

BJM: je WP+3225

PUBLIC WORKS DEPARTMENT

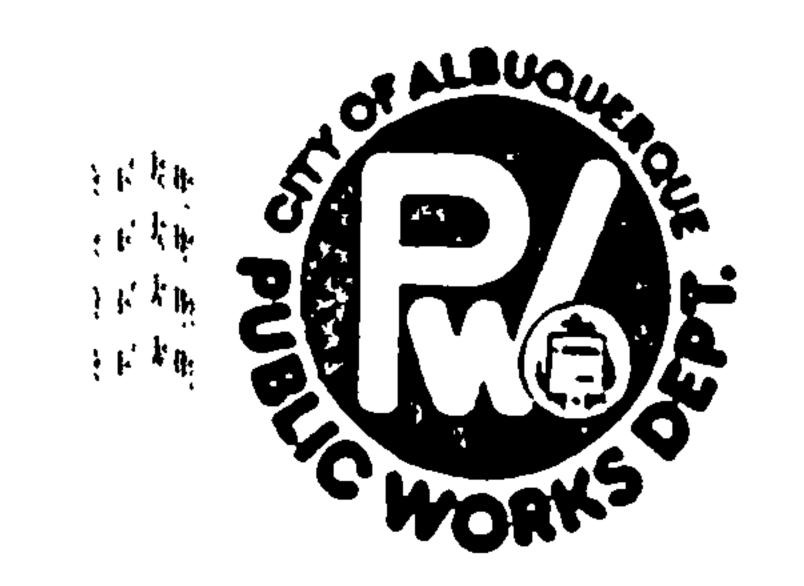
DRAINAGE INFORMATION

Fr. Mile

| PROJECT TITLE PRESBYTERIAN WAREHOU | USE ADD'N ZONI | E ATLAS/DRNG. FILE #: J-14-Z |
|--|--|--|
| DRB#: EPC #: | WOR | K ORDER #: |
| LEGAL DESCRIPTION: PARCEL A-2-A-1 | AS SHOWN & DESIG | NATED-LANDS OF SPRINGER CORP |
| CITY ADDRESS: 101 MOUNTAIN RO | DAD NE | |
| ENGINEERING FIRM: CHAVEZ-GRIEVES | CONTAC | T: MIKE J. WALLA |
| ADDRESS: 4600-C MONTGOMERY BLVD. | ALBO. PHONE | 881-7376 |
| OWNER: PRESBYTERIAN HOSPITAL | CONTA | CT: JIM PURDY |
| ADDRESS: 101 MOUNTAIN ROAD NE-ALBU | JOUEROUE PHONE | <u>246-6717</u> |
| ARCHITECT: STEVENS, MALLORY, PEARI | | CONTACT: BOB MORAGA |
| ADDRESS: <u>115 AMHERST SE</u> | PHUNE | <u>255-8668</u> |
| SURVEYOR: SOUTHWEST SURVEY | CONTA | CT: DAN GRANEY |
| ADDRESS: 333 LOMAS BLVD NE, ALBUC | <u>OUEROUE</u> PHONE | 247-4444 |
| CONTRACTOR: N/A | CONTAC | CT: <u>N/A</u> |
| ADDRESS: N/A | PHONE | : <u>N/A</u> |
| DRAINAGE PLAN CONCEPTUAL GRADING & DRAINAGE K GRADING PLAN EROSION CONTROL PLAN ENGINEER'S CERTIFICATION OTHER PRE-DESIGN MEETING: YES NO COPY PROVIDED COPY PROVIDED | PLAN S. DEV S. DEV SECTOR FINAL FOUNDA BUILDI CERTIF GRADIN PAVING | INARY PLAT APPROVAL PLAN FOR SUB'D. APPROVAL PLAN FOR BLDG.PRMT.APPROVAL PLAT APPROVAL TION PERMIT APPROVAL ING PERMIT APPROVAL PICATE OF OCCUPANCY APPROVAL IG PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL |
| DATE SUBMITTED: HYDROLDGYODEVISIO BY: MIKE WHILA | DRAINA OTHER | GE REQUIREMENTS (SPECIFY) |

Seel e I V.

JITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT



INTER-OFFICE CORRESPONDENCE

March 19, 1992

ENGINEERING GROUP

TO:

Desiderio Salas; Street Maintenance Division

FROM:

Fred J. Aguirre, Hydrologist; Engineering Group/PWD

SUBJECT:

PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT PRESBYTERIAN WAREHOUSE ADDITION (J-14/D68A) 101 MOUNTAIN ROAD, NE

Transmitted herewith, is a copy of the approved drainage plan for the referenced project incorporating the S.O. #19 design.

In accordance with the new process, this plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed-off S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment



March 19, 1992

Victor Chavez, P.E. Chavez-Grieves Consulting Engineers 4600-C Montgomery Boulevard, NE Albuquerque, New Mexico 87109

> RE: REVISED DRAINAGE PLAN FOR PRESBYTERIAN WAREHOUSE ADDITION (J-14/D68A) ENGINEER'S STAMP DATED MARCH 11, 1992

Dear Mr. Chavez:

Based on the information provided on your submittal of March 12, 1992, the above referenced plan is approved for Building Permit.

A separate permit is required for construction with the City right-of-way. A copy of this approval letter must be presented when applying for the excavation permit.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya, C.E.

Engineering Assistant

xc: Darlene Saavedra Alan Martinez

BJM/bsj (WP + 3225)

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION

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| PROJECT TITLE PRESBYTERIAN WAREHOUSE ADD | 'N ZONE ATLAS/DRNG" FILE #: J-14/Z |
|---|--|
| DRB#: EPC #: | WORK ORDER #: |
| LEGAL DESCRIPTION: PARCEL A-2-A-1 AS SHOW | IN & DESIGNATED-LANDS OF SPRINGER CORP |
| CITY ADDRESS: 101 MOUNTAIN ROAD NE | |
| ENGINEERING FIRM: CHAVEZ-GRIEVES | CONTACT: MIKE J. WALLA |
| ADDRESS: 4600-C MONTGOMERY BLVD., ALBO. | PHONE: <u>881-7376</u> |
| OWNER: PRESBYTERIAN HOSPITAL | CONTACT: JIM PURDY |
| ADDRESS: 101 MOUNTAIN ROAD NE-ALBUQUERQUE | |
| | |
| ARCHITECT: STEVENS, MALLORY, PEARL, CAMPB | SELL CONTACT: BOB MORAGA |
| ADDRESS: <u>115 AMHERST SE</u> | PHONE: <u>255-8668</u> |
| SURVEYOR: SOUTHWEST SURVEY | CONTACT: DAN GRANEY |
| ADDRESS: 333 LOMAS BLVD NE, ALBUOUEROUE | PHONE: 247-4444 |
| CONTRACTOR: N/A | CONTACT: N/A |
| ADDRESS: N/A | |
| DRAINAGE REPORT DRAINAGE PLAN CONCEPTUAL GRADING & DRAINAGE PLAN RRADING PLAN EROSION CONTROL PLAN ENGINEER'S CERTIFICATION OTHER | SKETCH PLAT APPROVAL PRELIMINARY PLAT APPROVAL S. DEV. PLAN FOR SUB'D. APPROVAL S. DEV. PLAN FOR BLDG.PRMT.APPROVAL SECTOR PLAN APPROVAL FINAL PLAT APPROVAL FOUNDATION PERMIT APPROVAL CERTIFICATE OF OCCUPANCY APPROVAL GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL S.A.D. DRAINAGE REPORT DRAINAGE REQUIREMENTS |
| DATE SUBMITTED: 3/12/92 | OTHER(SPECIFY) |



City of Albuquerque quie P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 16, 1992

Victor Chavez Chavez-Grieves Consulting Engineers 4600-C Montgomery Boulevard, NE Albuquerque, New Mexico 87109

RE: REVISED DRAINAGE PLAN FOR PRESBYTERIAN WAREHOUSE ADDITION (J-14/D68A) REVISION DATED JUNE 19, 1992

Dear Mr. Chavez:

Based on the information provided on your resubmittal of June 19, 1992, the revisions as indicated are acceptable.

Please be advised that a separate permit is required for construction within City right-of-way. A copy of this approval letter must be presented when applying for the excavation permit.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya, C.E.
Engineering Assistant

xc: Alan Martinez
Darlene Saavedra

BJM/bjf (WP+3225)

PUBLIC WORKS DEPARTMENT



CHAVEZ-GRIEVES CONSULTING ENGINEERS, INC.

4600 MONTGOMERY N.E., BUILDING C, #101 ALBUQUERQUE, NEW MEXICO 87109 PHONE: (505) 881-7376 FAX: (505) 883-7119

LETTER OF TRANSMITTAL

| LETTER OF | TIVATADIAITTIVI |
|---|--|
| TO: CITY OF ACULO, HYDROLOGY DEST. ATTW: AF BERNIE MOU | DATE: 82692 JOB # RE: PRES, WAREHOUSE |
| WE ARE SENDING YOU XATTACHED ITEMS: | UNDER SEPARATE COVER, THE FOLLOWING |
| SHOP DRAWINGSPLANS CHANGE ORDERPRINTS COPY OF LETTERSAMPLES | SPECIFICATIONSDISKETTECALCULATIONSREPORT |
| COPIES DATE NO. | DESCRIPTION DESCRI |
| THESE ARE TRANSMITTED AS CHECKED BE FOR YOUR USEAS REQUESTEDPLEASE CORRECT AND RESUBMITRESUBMITTAL IS NOT REQUIRED CORRECTIONS, IF ANY, ARE NOTED REMARKS: | FOR REVIEW & COMMENT RETURNED AFTER LOAN TO US SUBMITCOPIES FOR DISTRIBUTION RETURNCORRECTED PRINTS AUG 2 6 1992 |
| copies to: | signed: |
| IF ENCLOSURES ARE NOT AS NOTED, KINDLY NOT | IFY US AT ONCE. REV.1/92 |

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William Chilly



CHAVEZ-GRIEVES CONSULTING ENGINEERS, INC.

4600 MONTGOMERY N.E., BUILDING C, #101 ALBUQUERQUE, NEW MEXICO 87109 PHONE: (505) 881-7376 FAX: (505) 883-7119

LETTER OF TRANSMITTAL

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| | CORRECTIONS | , IF ANY, | ARE NOTED | | | | |
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DRAINAGE INFORMATION

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| PROJECT TITLE PRESBYTERIAN WAREHOUSE A | DD'N ZONE ATLA | S/DRNG. FILE #: <u>J-14-2</u> |
|--|---------------------------------------|---|
| DRB#: EPC #: | WORK ORDE | R · #: |
| LEGAL DESCRIPTION: PARCEL A-2-A-1 AS SE | HOWN & DESIGNATED- | LANDS OF SPRINGER CORP |
| CITY ADDRESS: 101 MOUNTAIN ROAD NE | <u> </u> | |
| ENGINEERING FIRM: CHAVEZ-GRIEVES | CONTACT: | MIKE J. WALLA |
| ADDRESS: 4600-C MONTGOMERY BLVD., ALBO | D. PHONE: | 881-7376 |
| OWNER: PRESBYTERIAN HOSPITAL | CONTACT: | JIM PURDY |
| ADDRESS: 101 MOUNTAIN ROAD NE-ALBUQUERO | | 246-6717 |
| ARCHITECT: STEVENS, MALLORY, PEARL, CAN | MPBELL CONTAC | T: BOB MORAGA |
| ADDRESS: 115 AMHERST SE | | 255-8668 |
| SURVEYOR: SOUTHWEST SURVEY | | DAN GRANEY |
| ADDRESS: 333 LOMAS BLVD NE, ALBUQUERQU | | 247-4444 |
| | | |
| CONTRACTOR: N/A | | N/A |
| ADDRESS: N/A | PHONE: | N/A |
| CONCEPTUAL GRADING & DRAINAGE PLAN _X GRADING PLAN | S. DEV. PLAN SECTOR PLAN FINAL PLAT A | FOR SUB'D. APPROVAL FOR BLDG.PRMT.APPROVAL APPROVAL APPROVAL ERMIT APPROVAL |
| PRE-DESIGN MEETING: | X CERTIFICATE | OF OCCUPANCY APPROVAL |
| X YES | GRADING PERM | IIT APPROVAL |
| NO | PAVING PERMI | |
| X COPY PROVIDED | S.A.D. DRAIN | |
| | DRAINAGE REC | |
| DATE SUBMITTED: 8 24 92 BY: MRE WALLA | | GEIVE UG 2 6 1992 |

Rectangular Channel Analysis & Design Open Channel - Uniform flow

Worksheet Name: pres warehouse

Comment:

Solve For Discharge

Given Input Data:

Bottom Width.... 1.00 ft
Manning's n.... 0.013
Channel Slope.... 0.0217 ft/ft
Depth..... 0.50 ft

Compated Results:

3.34 cfs 6.68 fps 0.50 sf 1.00 ft 2.00 ft 0.70 ft 0.0089 ft/ft 1.67 (flow is Supercritical)

Open Channel Flow Module, Version 5.12 (c) 1990 Haestad Methods, Inc. * 32 Brookside Rd * Waterbury, Ct 06708

| Job | PRESBYTERIAN | WAREHOUSE | Sheet No. 1AA of |
|-----------|--------------|-----------|--|
| Subject _ | | | Job. No. 1 100 100 100 100 100 100 100 100 100 |
| Client | SMPC | | By MJUL Date 6/18/72 |



CHAVEZ - GRIEVES / CONSULTING ENGINEERS, Inc.

Albuquerque, NM

WEST SIDE WALK CULVERT

SLOPE = 55,71-55,34 = 137 = 0,02 HYDROLOGY DIVISION
WIDTH = 12"

DEPTH = 6 W +

SEE C-1 BB FOR CAPACITY

Qmx - 3.34 CFS > 2.593 CFS (C)K



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City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 4, 1992

Victor Chavez, P.E. Chavez-Grieves Consulting Engineers 4600-C Montgomery Boulevard, NE Albuquerque, New Mexico 87109

> DRAINAGE PLAN FOR PRESBYTERIAN WAREHOUSE ADDITION (J-14/D68A) ENGINEER'S STAMP DATED FEBRUARY 17, 1992

Dear Mr. Chavez:

Based on the information provided on your submittal of February 18, 1992, the following concerns must be addressed prior to final approval:

- 1. Identify what basins are going to each proposed sidewalk culvert and also provide the hydraulics for the culverts.
- 2. Sign-off block for the S.O. #19 format along with the six notes within the plan drawing.
- 1/3. Sidewalk culvert specs do not allow you to sawcut the face of the curb, you must remove the complete stone. Please remove that note from the plan drawing about the sawcut.
- / 4. Two (2) copies of blueprints are required with your resubmittal.
 - 5. Evaluation of your determination for free discharge onto Mountain INLET IN BROWNY? Road.
 - If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Fannie J. Montoya, C.E. Engineering Assistant

BJM/bsj (WP + 3225)

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P E. Assistant Director Public Works **ENGINEERING GROUP**

Telephone (505) 768-2500

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DRAINAGE INFORMATION

| PROJECT TITLE PRESBYTERIAN WAREHOUSE ADD DRB#: EPC #: | WORK OR | DER #: |
|---|---|---|
| LEGAL DESCRIPTION: PARCEL A-2-A-1 AS SHOW | | |
| CITY ADDRESS: 101 MOUNTAIN ROAD NE | | |
| ENGINEERING FIRM: CHAVEZ-GRIEVES | CONTACT: | MIKE J. WALLA |
| ADDRESS: 4600-C MONTGOMERY BLVD. ALBO. | _ PHONE: | 881-7376 |
| OWNER: PRESBYTERIAN HOSPITAL | CONTACT: | JIM PURDY |
| ADDRESS: 101 MOUNTAIN ROAD NE-ALBUOUEROUE | | |
| ARCHITECT: STEVENS, MALLORY, PEARL, CAMPE | | ACT: BOB MORAGA |
| ADDRESS: 115 AMHERST SE | | 255-8668 |
| | | |
| SURVEYOR: <u>SOUTHWEST SURVEY</u> | | DAN GRANEY |
| ADDRESS: 333 LOMAS BLVD NE, ALBUOUEROUE | PHONE: | 247-4444 |
| CONTRACTOR: N/A | CONTACT: | N/A |
| ADDRESS: N/A | _ PHONE: | N/A |
| DRAINAGE REPORT _X DRAINAGE PLAN CONCEPTUAL GRADING & DRAINAGE PLAN | SKETCH PLACE PRELIMINAR S. DEV. PLACE S. DEV. PLACE SECTOR PLACE FINAL PLATE FOUNDATION | Y PLAT APPROVAL AN FOR SUB'D. APPROVAL AN FOR BLDG.PRMT.APPROVAL N APPROVAL |
| PRE-DESIGN MEETING: | | E OF OCCUPANCY APPROVAL |
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| NO | PAVING PER | MIT APPROVAL |
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| FEB 8 1992 — | DRAINAGE R | EQUIREMENTS |
| DATE SUBMITTED: 21792 | OTHER | (SPECIFY) |
| BY: MINC WITH | | |

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT UTILITY DEVELOPMENT DIVISION/HYDROLOGY SECTION

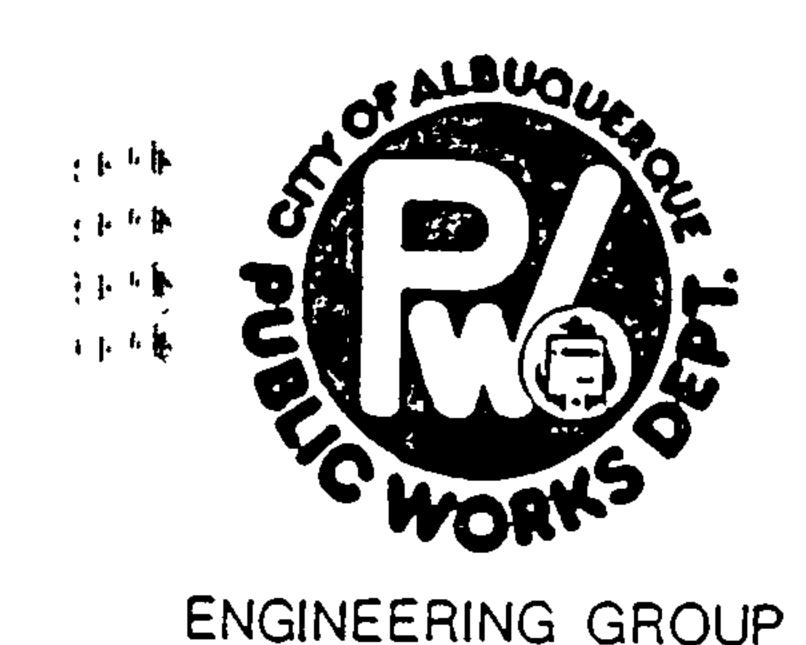
PRE-DESIGN CONFERENCE

| DRAINAGE FILE/Z | ONE ATLAS PAGE NO.: J-14 | DATE: 12/30/91 @ 9:00 a.m. |
|-----------------|--|---------------------------------------|
| | | ZONE: |
| SUBJECT: | FEESBY TERIAN WAREHOUS | E |
| STREET ADDRESS: | Mountain ROAD & A | T & SF RAILROAD |
| LEGAL DESCRIPTI | ON: LSpringer Corporation: A-2- | A-1 |
| APPROVAL REQUES | PRELIMINARY PLAT SITE DEVELOPMENT PLAN GRADING/PAVING PERMIT | FINAL PLAT X BUILDING PERMIT OTHER |
| | WHO | REPRESENTING |
| ATTENDANCE: | Mike Walla | Chavez-Grieves Consulting Engrs |
| | Gilbert Aldz | Hydrology Development Section |
| | | • |
| | | <i>j</i> |
| FINDINGS: | | · · · · · · · · · · · · · · · · · · · |
| 1. AN A | DOITION JS FROPOSED | 1/3 EXISTING |
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| 3. The | proposed conclitions | should divert flows |
| 0010 | Mountain ROAD & in | |
| System | | |
| 1+ 21. | poers from discharge | may be appropriate. |
| 4 A Drain | age Plan. Der D.P.1 | M. Chocklist is |
| reame | /// · / / /> · | 10. |
| | | 1 1 |
| 5, /roposed | nincum, in case Pump | Station & Broadway shuts down |
| The undersigned | l agrees that the above findings are | summarized accurately and are only |
| - | Letter to the state of the stat | that they are not reasonable or that |
| IGNED: | on inaccurate information. | Wigh Harman |
| TLE: | TITLE: | PROKECT ENGNEEL |
| \z. /Z. | /36/9/ DATE: | 12/30/91 |
| CP++ DIPAS | R PROVIDE A COPY OF THIS PREDESTER | FORM WITH THE DRAINAGE SIERMITTAL. |

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to to TAR

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT



July 16, 1992

INTER-OFFICE CORRESPONDENCE

Desiderio Salas; Street Maintenance Division

TO:

Fred J. Aguirre, Hydrologist; Engineering Group/PWD

FROM:

PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT

SUBJECT: PRESBYTERIAN WAREHOUSE ADDITION - 101 MOUNTAIN ROAD, NE (J-14/D68A)

Transmitted herewith, is a copy of the approved drainage plan for the referenced project incorporating the S.O. #19 design.

This plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed-off S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment