

6-9-07

TO Ron SANTOS

City of Huntington Beach

JUN 11 2007

From STEVE STAFFORD

RE CUP 2006-035
FIRST CHRISTIAN CHURCH EXPANSION
REMODEL

THIS DRAFT MITIGATED NEGATIVE
DECLARATION HAS MANY PROBLEM

SSTII

① THE USE OF THE PARKING LOT ON THE SOUTH SIDE OF HUNTINGTON BEACH HIGH SCHOOL REQUIRES THE PERMISSION OF NOT ONLY THE HIGH SCHOOL BUT THE CITY OF HUNTINGTON BEACH. THE CRYSTAL ISLAND HOA, NONE OF THIS HAS BEEN DONE. THE HIGH SCHOOL ON WEEKDAYS LOCK THE CENTER GATE LEAVING ONLY ESTABEOR THE ONLY ACCESS, THIS ACCORDING TO ATTACHMENT 3.4 INDICATES THE USE OF THE PARKING LOT DURING SCHOOL HOURS AND IN THE EVENING FIRST CHRISTIAN CHURCH WILL NEED TO GET INSURANCE TO INDEMNIFY THE CRYSTAL ISLAND HOA THE CITY OF HUNTINGTON BEACH ETC FOR LIABILITY REASONS DURING WEDDINGS

PARTY'S WHEN PARKING OCCURS IN THE EVENING WHO'S RESPONSIBLE FOR THE NOISE THAT OCCURS WHEN PEOPLE ARE LOITERING IN THE PARKING LOT LATE AT NIGHT THE STREET ESTATE CIR IS A PRIVATE ST HOW WILL THE CHURCH GET TO THE SOUTH LOT HOW WILL THIS WORK WITHOUT PERMISSION FROM THE OTHER PARTY'S MENTIONED

SST1

2.

SST2

THE PARKING STRUCTURE ON THE SOUTH WEST CORNER WILL BE AN EYE SORE AND WHEN ITS BUILT WHAT SECURITY MEASURES WILL BE TAKEN TO ~~TO~~ KEEP PEOPLE OUT OF THE STRUCTURE WHEN NOT IN USE I CAN SEE A PROBLEM WITH A STRUCTURE LIKE THAT LOITERING AT NIGHT AND IN THE DAY TIME AS IT IS THE SKATE BOARDER HANG OUT IN THE AREA WHEN THEY SEE THIS IT WILL BE AN EASY PLACE TO HANG OUT UNLESS IT IS SECURED WITH THIS PARKING STRUCTURE WILL COME MORE PROBLEMS

SST3

3 I see a lot of negative impacts from this project that not even been

SST3

MITIGATED SEVERAL AREAS OF RESEMENTS
WILL BE IMPACTED, VEERING CR, CRYSTALISAN
BEACH WALK, RESEMENTS ON NORTH SIDE, SOUTH
SIDE ALL WILL BE IMPACTED BY THIS
PROJECT IN AN ADVERSE WAY

SST4

④ DEMOING WAS DONE WITHOUT PERMITS
THE WEEKS OF MAY 21ST TO MAY 31ST
AND JUNE 4 - 8 WHEN I CALLED ON MAY 24TH
THERE WERE NOT PERMITS NONE SHOULD HAVE
BEEN ISSUED DUE TO THE THE FACT
THAT THIS IS IN THE PUBLIC REVIEW PROCESS
AND FOUND THAT PLANNING ISSUED TEMPORARY
PERMITS THIS AGAIN IS NOT THE WAY IT IS
TO BE DONE PUBLIC WORKS WOULD NOT
ISSUE PERMITS WHICH ARE REQUIRED
FOR DEMO WORK AND STILL HAVE NOT
THIS NEEDS TO BE LOOKED IN TO AS
THIS LOOKS VERY BAD AND NOT RIGHT

SINCERELY STEVE STAFFORD

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JUL 02 2007

Huntington Beach Planning Department
Attention: Ron Santos, Associate Planner
July 2, 2007

NOTE - I have not had time to adequately compile, edit, and proofread this document because of the short time allowed to respond to documents made available to the public on June 28. Since there is no guarantee the comment period will be restarted, I must file these comments today. I am sure there are errors that I could correct and will correct if I am allowed to submit comments after this date.

Comments on Draft Mitigated Negative Declaration No. 06-008.
These comments supplement my comments of June 11, 2007.

OBJECTIONS TO THE COMMENT PROCESS

At the outset I wish to raise new objections to the fairness of the comment process. The fairness of the initial comment period (May 24 through June 12) was compromised by a clerical error that omitted several critical pages from the attachments to the Draft Mitigated Negative Declaration (D-MND). While I appreciate the decision of the Planning Department to extend the original comment period to July 2, notice of this fact was not published until the June 28 issue of the Huntington Beach Independent (apparently because of an error on the part of the newspaper). Although residents did receive a letter extending the comment period, it was identical to the original notice except that the closing date was changed from June 12 to July 2. A person who had already reviewed the D-MND would have no reason to know that important additional documents had been made added to the copies at the Planning Department counter and at the Central Library after June 10.

DTI

On June 18 the First Christian Church held a meeting to discuss the plans with neighbors. At this meeting, Senior Pastor Bruce Templeton said he had read the public comments on file in the Planning Department. He said that in response to concerns expressed in the letters and to financial considerations, the church was modifying the plans and would delete several items from the proposal. He said that the revised plans would be submitted to the city on June 19. Over the next nine days I and some of my neighbors attempted to review the revised plans. I was told on June 19, 21, 25, and 27 by the Planning Department that no new plans had been submitted. On June 27th I was told that the City had received an e-mail from the church promising the plans would be submitted soon. I was first able to obtain these revised plans and a revised narrative on Thursday, June 28th. I suggested to Ron Santos that citizens could not be expected to comment by July 2 since most would not have an opportunity to review the plans or probably even have notice of the revisions. Mr. Santos could not comment since he had not had an opportunity to fully review the new plans, but he said the comment period probably would not be extended if the revisions consisted solely of deletions from the original plans. In fact, the new plans and revised narrative do not consist solely of deletions. They reveal new information shortly before the end of the comment period, leaving the public without adequate time to review the changes and file comments with the city. I had prior commitments this past weekend and am struggling to complete these

comments in time to file them today. If I had more time, I could have done more to support my objections to the D-MND.

The promises and representations made by the Church at the meeting with neighbors on June 18 probably induced some neighbors to refrain from commenting on the original plans and the D-MND. However, based on my review of the new plans and narrative and on a conversation with Mr. Dyson, project manager for the Church, I discovered that the revised plans and narrative made available on June 28 were in several respects inaccurate, misleading, incomplete, or contrary to statements made on behalf of the church at the neighborhood meeting on June 18. With respect to some of these items, Mr. Dyson admitted there were errors and represented that the Church planned to correct the errors by filing revisions with the city as quickly as their architects could respond. Though I appreciate his candor and willingness to correct good faith errors, this does not eliminate the unfairness and perhaps illegality of asking the public to comment on plans that have changed several times during the comment period and perhaps have not been finalized. I want to stress that these changes do not consist solely of deletions – they clarify and add to the original materials in a manner that compromises the public's ability to review and comment on the adequacy of the D-MND. More than that, the manner in which the comment period has developed probably makes it virtually impossible for the city planners to conclude that the project (elements of which still have not been accurately presented in the newly revised plans and narrative) has no potentially significant impact on the environment.

I spoke with Mary Beth Broeren on Friday, June 29, and expressed some of these concerns to her. She told me that it was too late to extend again the comment period which is due to expire Monday, July 2 because it would be impossible to give the public timely notice. However, she did recognize that there were problems with the process that needed to be reviewed. She told me she would raise these issues with her superiors in the Planning Department and recommend that they consider new notice and a new comment period. I would strongly urge that the Planning Department take such action now. I told Mr. Dyson that this was my position and suggested that it would seem to make more sense for all parties affected to remedy the problems at this stage than to continue to the Planning Commission or City Council and be faced with having to go back to this stage at a later time.

DT1

At the meeting with the neighbors on June 18, most of the neighbors in attendance and the church representatives expressed a willingness and desire to work together to allow the church to renovate their campus and accomplish their goals while respecting the community interest in preserving the nature and quality of the neighboring residential zones and avoiding unreasonable disruption for the 30 months of construction and the future decades of operation of the Next Wave of the Church's development. I hope that the neighbors will be given the opportunity to work with the Church to make suggestions that will balance these interests, and enable the Church to submit final plans that the city can fairly review for environmental impact before the neighbors are asked to comment again.

Summary of Additions and New information in Revised Narrative and Plans

These are some of the points in the revised narrative and plans (made available on June 28,

2007) that raise concerns regarding the completeness and accuracy of the existing Draft Mitigated Negative Declaration.

Revised Narrative

Page 2, item E. The bookstore is not in the narrative or general plans. Mr. Dyson told me this is going to be corrected.

DT2

Page 2 provides new information about the "Tidal Court" which I assume refers to the Tidal Plaza identified in the plans. This new information raises concerns about noise.

DT3

Page 3 states the number of spaces in the parking structure as 299, though the original narrative states the number as 129. This was apparently a correction of an error, but citizens might have been confused and not been aware of the actual size until this correction was made available on June 28.

DT4

Page 4 reveals for the first time the intended hours of operation of the café. No mention is made of the bookstore.

DT5

Revised Plans [page 3 is missing]

Page 1. The Tidal Plaza now more open to Adams Ave. than it was under the original plans. This is also true of the Little Squirts Court. This could affect noise on Adams.

DT6

Pages E3 and E4 were not included in the copies of the D-MND, even as corrected after June 11. I saw them for the first time on June 28. They show a 42-foot tower on the Café/Administration Building that even Mr. Dyson did not recall.

DT7

Page F2 still shows the large tower. Mr. Dyson says that this was an error and will be corrected.

DT8

G1 and G2 are diagrams of the parking structure that were not included in the D-MND. G3 consists of new drawings of the parking structure and show an architectural tower and an elevator tower we did not know of until June 28.

DT9

**SPECIFIC OBJECTIONS TO FINDINGS IN
DRAFT MITIGATED NEGATIVE DECLARATION**

In addition to the objections I raised in my letter of June 11, I have several new matters to raise. I learned about these new matters from the revised plans and narrative made available on June 28, and from meetings and conversations with Associate Planner Ron Santos and representatives of the church. I discovered new information, misinformation, or gaps in information that lead me to question the findings of no potentially significant impact regarding several matters. I will discuss these matters, but first I must point at that at this point, the last day of the comment period, I still do not understand exactly what the church is proposing with respect to several important aspects of the project.

DT10

Issue of Deletions from Initial Proposal

Early in the meeting on June 18 with neighbors, Senior Pastor Bruce Templeton assured neighbors that several specific aspects of the plan to which neighbors objected were being deleted from the plans or were only mistakenly identified as in the plans in the first place. My notes of that meeting show these were large Tower, the Little Squirts Court, the Amphitheater, the outdoor sound system, and pop jet fountains. He told us the revisions would be submitted on June 19. The revised plans and narrative made available on June 28 did not fully correspond to these representations. Mr. Dyson, project manager of the church, responded to my request for clarification. These were the items we discussed.

DT11

Page F2 of the plans still shows the large tower, though it was deleted on other pages. Mr. Dyson said this was an error. The tower has been deleted and corrections will be submitted to the city.

Little Squirt's Playground

This is still in the plans. Mr. Dyson told me that there was no intention to delete this. He said that either I misunderstood or that someone misspoke. This element was not addressed in the D-MND and I raised this objection in my letter of June 11. This is a playground area. Two other playground areas were the only elements requiring noise mitigation in the D-MND. This aspect at least should be addressed in the D-MND. Mr. Dyson assured me that it would be screened in and only used on Sunday morning. If such a limit exists, shouldn't it be expressed in the plans or narrative and in the D-MND? If these limits are not required, this would heighten my concerns about its noise impact of this playground area. On Thursday, June 28, outdoor activity involving inflatable playground equipment, water fights, and noise continued all day. This occurred in the area where the Tidal Plaza will be. We could hear it, and outdoor music, from our house with the windows open. We do not have air conditions and should not have to keep windows closed in summer.

DT12

Amphitheater.

At a church meeting with the community about a year ago, I heard that the church planned to have an outdoor amphitheater. Page 2 of the original plans lists an amphitheater in the Tidal Plaza. Ron Santos told me he did not address this in the D-MND because it was not part of the project proposal. At the meeting with neighbors on June 18, Mr. Templeton said the amphitheater was deleted, and this is stated in the revised narrative. However, the revised narrative on page 1, item 6, says there will be landscaping and hardscaping "designed to create high quality outdoor gathering places." Page 2 of the revised narrative says the Tidal Court [Plaza?] will serve as the main gathering area and will be open to the public. It will include tables and chairs to support the café and hardscape improvements suitable for informal gatherings. Mr. Dyson told me this hardscape will include tiered seating. It seems like it modeled on the amphitheater at Bella Terra. I asked him what was the difference between this and an amphitheater. He told me an amphitheater has a sound system and scheduled events, and the Tidal Plaza will not have either of these. Nevertheless, I believe this aspect of the project cannot be ignored in the D-MND.

DT13

Sound System.

The D-MND does not address the issue of an outside sound system. Mr. Santos told me this was because none was proposed. However, the messages I have heard and seen are inconsistent. I recall Mr. Templeton saying at the meeting on June 18 that there would be no outdoor sound system. Someone else said there would be no outdoor amplified sound system. The new narrative says no outdoor amplified music. The church's noise study page 8, said: "There will be no outdoor amplified music; however there will be a localized speakers system that provide low volume background music." Reading these together, I am not satisfied there is no outdoor sound system as promised on June 18. Mr. Dyson told me there will be no outdoor speaker or sound system and that the narrative will be corrected. Until this is clarified, it should not be ignored in the D-MND, especially since the original plans upon which the D-MND was based indicated the tower would contain an amphitheater sound booth.

DT14

Café and Bookstore

I don't understand why a commercially operated café and bookstore open to the public in an area zoned P/PS does not violate the general plan and zoning laws of Huntington Beach. Even if allowed, mitigation should be required. Therefore the D-MND is inadequate regarding element I on page 7.

DT15

My neighbors and I have commented on our concerns relating to noise, odors, and traffic caused by these operations. Nowhere in the original D-MND were we given information relating to the capacity and hours of operation of these two activities. At the meeting on June 18 we were told that the café would seat 70-80 inside and 15-20 outside. It would operate from 7 a.m. to 9 p.m. seven days a week [this is changed slightly in the revised narrative]. There will be a full kitchen. The bookstore and café together were intended to create a welcoming environment for church members and the public comparable to a Barnes and Nobles and a Starbucks. I asked if the church would at least consider limiting the hours of outdoor dining. I was told this would be considered. For the first time the revised narrative provides some details regarding the hours, but not size, of the café. It ignores the bookstore. I was told that unless limits are imposed in the conditional use permit, there are no restrictions on the operation of the café or bookstore. This is not the document to address the conditions, but without any restrictions I don't see how the D-MND can declare there is no potentially significant impact.

DT16

I believe Mr. Santos said there was nothing in the proposal about outdoor dining. However, on another occasion he told me that if one has an approved school, that implies playing outside anywhere but a parking lot is permitted. Under that logic, if one has a café, is outdoor dining permitted anywhere but the parking lot?

Mr. Dyson said the bookstore was omitted by error, and the narrative will be corrected. I cannot comment because I have not seen the final narrative, but I wonder whether there will be limits on hours.

DT17

There is a receiving entrance for this building. Will delivery hours be limited? I believe they were for Target and Walmart. Why is this ignored in the D-MND?

DT18

Traffic is already congested in the late afternoon at Adams and Main. Has the traffic impact of these two commercial enterprises open to the public been addressed? I didn't see it in

DT19

the D-MND.

I just discovered on pages E3 and E4 [not made available before June 28] that there will be a 42-foot tower on this building. This raises concerns about aesthetics and how it fits in the neighborhood.

Another citizen has raised questions about odors from the full service kitchen. I saw nothing in the D-MND regarding this.

Even if allowed by the zoning laws and general plan, I would expect to see some mitigation required to protect nearby residences. I recall reading that the city imposed such requirements on Target, Walmart, and the Moulin Rouge restaurant. It seems obvious that noise, odors from the kitchen, parking (slamming doors, car alarms), and traffic generated by these uses create a potential significant impact on the neighborhood, even if mitigated. When I asked whether the church would consider limiting outdoor dining hours, I was told it would be considered. When I asked whether the limits would be incorporated in the request for the CUP, I did not get an answer. It is my understanding that mitigating measures must be in the negative declaration and means of enforcement must be considered before the potential impact can be disregarded. If allowed at all, these activities must be limited.

Mistake regarding parking structure. New diagram of parking structure.

The original narrative said the parking structure would hold 129 spaces and the new narrative says that it will hold 299. Mr. Templeton did not return my call because he is out of town, but Mr. Dyson, the project manager called me this morning. He said the first narrative was in error - the total parking spaces listed is only one more than before (580 compared to 579), but the number of spaces in the structure was erroneously reported as 129 in the first narrative -- it has always been intended to have 299 spaces.

I also discovered that the plans include pages G1 and G2 relating to the parking structure that I had never seen before. These pages were not even included in the corrected version of the plans made available on June 7. Page G3 shows an "architectural tower" as part of the parking structure.

In addition, it was revealed at this meeting that the plans are still incomplete with regard to several matters. Height, lighting, and hours of usage still have to be finalized. For example, it appears that it has not yet been determined what hours the parking structure would be in use, how it would be secured when closed, and what type of lighting will be used. Without knowing this, how can a negative declaration regarding noise, parking, and light be made?

Special Events

The revised narrative says on page 2 that there will be no regularly scheduled outdoor gatherings. On p.4, Hours of Operation, it says weddings, and related activities, along with other special events held at the church will end by 10 p.m. [Weddings and funerals any day of week except Sunday]. Attachment D estimates 350 attendance for planning purposes. This creates the potential for noise from events ending at 10 p.m. in residential neighborhood with people going to cars, slamming doors, etc. This narrative seems too vague to justify a finding of no potentially significant impact.

OT20

OT21

OT22

OT23

OT24

OT25

How often is occasional? I recently learned that the church should have been obtaining activity permits for special activities held in the parking lot, and is limited to four a year. I was told that apparently the church was not aware of this requirement. I also recently learned from Ron Santos, that this requirement only applies to use of the parking lot and it can be circumvented by the issuance of a conditional use permit allowing such activities. If the church specifies in its narrative occasional special events, have they just eliminated any restrictions on outside events? I don't know what the church is actually requesting or what limits remain. None of this is addressed in the D-MND. Based on the information provided, I do not see how the Planning Department can find no potentially significant impact, especially given the rigorous legal requirements for a negative declaration.

DT26

I am concerned about outdoor special events. In discussing this recently with Ron Santos, he said that outdoor play events, like one on June 28, would not require activity permit because it would be a natural activity of a campus with a school. It can take place anywhere on campus except parking lots. Then what is point of requiring sound walls only on the two designated play areas on the south side of the campus? Does this mean there is no limit to frequency, duration, or time of such activities? On June 28, there was even outdoor sound system. This cannot be ignored in negative declaration.

We were told at the meeting of June 18 with the church that all events end by 10 p.m., **unless neighbors are notified.** The revised narrative says events will end by 10 p.m., but it takes time for people to clear. What steps will the city require to assure that these promises are kept. I have evidence that activity has continued past ten, and at least once past midnight.

DT27

Are there any limits on frequency, duration, location, and time of these occasional special events? It seems there is a potential for significant impact of not limited or mitigated.

Prior Conditional Use Permits and Restrictions

After the church held community meeting last summer, I went to the Planning Dept. and looked at the existing CUPs. My memory is hazy, but I recall seeing several CUPs with some limits imposed by the city including, I believe, size of cross and signage, restrictions on simultaneous use. I discovered recently that the church's application was changed from one amending existing existing CUPs to a new CUP. Ron Santos told me on Thursday that this supersedes prior CUPs and accompanying limits. If true, shouldn't this have been discussed in the negative declaration?

DT28

Construction Noise

At the meeting with the church on June 18, I raised concerns about the long hours allowed for construction. I was told there are no plans to do construction on Saturdays, and that contractor would normally begin at 7a.m. and cease mid-afternoon. I asked if church would agree to these as limits in the CUP, and I was told it would be taken under consideration. Some mitigation is essential. How common are construction projects of this duration in a residential neighborhood?

DT29

David Treiman
Shipley Street
Huntington Beach

Huntington Beach Planning Department
Attention: Ron Santos, Associate Planner
June 11, 2007

JUN 11 2007

SUMMARY

The length of this letter commenting on the Draft Mitigated Negative Declaration No. 06-008 [D-MND] is a result of the numerous problems with that declaration. Therefore I will summarize my basic points:

1. The process for public comment is deficient because critical information was omitted from the copies of the documents provided for public review at the Planning Department and the Central Library. I request that the documents be provided, the public be given notice, and the review period be restarted.
2. The D-MND fails to adequately identify or explain many potentially significant impacts. Other potential impacts are classified as less than significant without adequate information. Under the standards set forth in the D-MND (page 6 Item 3), "Potentially Significant Impact" is appropriate ... if the lead agency lacks information to make a finding of insignificance. I believe some impacts were classified less than significant based on an erroneous legal standard of review. Based on my conversations with Ron Santos and on the explanations he provides in the negative declaration, I believe in several cases he found less than significant impact because the proposal does not violate any laws. In my opinion, that is not the legally appropriate standard. For these reasons the D-MND is inadequate and unjustified because it is based on incomplete information from the applicant and insufficiently explained or justified by the planner. Since I believe an appropriate review would conclude there are one or more potentially significant impacts for which no remediation has been required, CEQA requires the preparation of an Environmental Impact Report.

DT 30

DT 31

PRELIMINARY COMMENTS

When I spoke to Herb Fauland on June 8, 2007, to request a new or extended comment period, he advised me to be prepared to submit my comments by the June 12 deadline in case my request was denied. I have prepared some comments, but I reserve the right to amend these comments in the event more time is granted and in the light of new information made available to the public.

DT 32

The Comment Process

I have serious objections to the comment process and to the Associate Planner's manner of review and his conclusions. Due to errors, the documents available for public inspection are incomplete and therefore misleading. At least one page is not even available from the Planner's file. When one asks to review the materials relating to this document, they receive only Mr. Santos' notice of May 18, 2007, the 27 page Environmental Checklist form, and some attachments. Attachments 1 through 3 are missing the even pages. Attachments 4 and 5 are

TREIMAN
ATTACHMENT NO. 5.151

missing entirely from the copy at the Central Library. Page 2 of attachment 4 is missing from both public copies and even from the original in the Planner's file. As of Friday, June 8, the page could not be located in the Planning Department. I do not know if there is more than one page to attachment 5. The D-MND refers to attachment 23, but that is not attached. If there is an attachment 23, are there attachments 6 through 22? These omissions also raise the question of whether the Design Review Board and the Environmental Assessment Committee had the complete D-MND when they approved it.

For these reasons I request the Public Comment period be restarted with new notice to the public.

Commenting on the Application for a Conditional Use Permit

I was told that objections to the application for a conditional use permit based on factors other than what are in the negative declaration do not have to be submitted during this comment period, and that there will be an opportunity to object to the CUP at a later time. However, the CUP was not available at the library or at the desk in the planning department. We won't even know of the staff's recommendations until 7 days before the hearing by the Planning Commission. The Church has had years to work out its position – I fear the neighbors will not have an adequate time to respond. It is my hope that the Planning Department staff will exercise its responsibility to take into consideration the harm to and interests of the city and the neighborhood. With two minimal exceptions (runoff and south side playgrounds), Mr. Santos does not appear to have done so yet.

Inadequate Review by the Planner in Preparing the D-MND

Based on the documents that are available and that I have seen, it appears that there are aspects of the Church's proposal that were totally ignored or overlooked by Mr. Santos. When I asked him why his assessment did not address certain aspects of the proposal, such as outdoor amphitheater, outdoor sound system, and outdoor dining, he asked me where I got that information. I said that I learned this as the meeting with Church officials and neighbors months ago. He said that he did not consider these because they were not part of the current proposal. I later learned that they were, and are revealed clearly in one of the documents missing from the publicly available versions [page 2 of the Plans, one of the even pages missing from attachment 2]. This alone demonstrates that the negative declaration is not based on the record and is therefore inadequate.

My reading of Mr. Santos' conclusions is that he appears to have based them on the conclusions of the consultants for the Church, and did not exercise his own independent judgment of the logical negative consequences of the Church's plans when he concluded, erroneously I believe, that almost none of the plan would result in potentially significant impacts. Also, from conversations with him, I believe he applied an erroneous standard – that compliance with city ordinances precludes a finding of potentially significant impact. He specifically argued that my objections of inadequate protection of the neighborhood amounted to nothing more than a disagreement with the scope of the city ordinances. This ignores the law and existing practice of going beyond the minimum protection of ordinances when granting a conditional use permit.

OTB2

OTB3

OTB4

OTB5

If the only conditions were compliance with existing ordinances, there would be no need for a conditional use permit process. People who violated the ordinances would be cited for the violations. I believe this erroneous standard resulted in erroneous conclusions. In fact there are more areas than one where he should have found a potentially significant impact. Therefore he should not have made a negative declaration and an Environmental Impact Report should be required.

In addition, according to the standards in the D-MND (page 6, item 3), if information is not adequate to eliminate the possibility of negative impact, a finding of probable impact is required. The Church's own reports concede lack of details and information making estimates of impact difficult or impossible. This is omitted from the Planner's explanations. This shows that the application of the Church is incomplete for purposes of a negative declaration. Further investigation of the potentially significant impacts and possible mitigation should be required before the Department proposes a negative impact declaration.

All of this suggests that a new declaration and review by the required persons, boards, and committees should be required, and that an EIR is probably also required by law.

In another conversation with Mr. Santos, he implied that objections need to be supported by reasons, but he was not in a position to detail what substantiation was required. My preliminary review of the law appears to indicate that it is sufficient that those commenting raise questions, and that the burden is on the applicant to show that there are no significant impacts. I will attempt to demonstrate in the following comments that the Church's own proposals and studies raise concerns that are not adequately addressed. I will also attempt to point out problems with Mr. Santos' finding and explanations. However, these comments are tentative and preliminary. Since I have not seen all relevant pages of the negative declaration and supporting documents, I cannot say with confidence that there are not other problems, nor can I say that the missing pages won't contain information negating my objections – but even if they do, this only demonstrates the problems with the existing public review process in this case.

DTB5

Omissions from the D-MND

Before commenting on what is in Mr. Santos' review, I want to emphasize what is not in his report. In some ways the omissions are more significant than what is addressed for three reasons:

1. It demonstrates that the application is incomplete or the review is incomplete
2. It shows why there is at least one potentially significant impact that has not been refuted or mitigated, thereby requiring an EIR
3. The absence from the report shows that even if claims 1 and 2 are rejected, failure to identify these impacts and to explain a finding of no significant impact impairs the ability of the public to review and comment. It is much more difficult to comment on what is not in a report than what is in it.

DETAILED COMMENTS

NOISE

This is the area where I find the most obvious and serious deficiencies in the D-MND. At a meeting with neighbors, the Church gave a slide presentation of its plans. The plans included an outdoor amphitheater, outdoor dining, gathering areas, and I believe an outdoor sound system. Other than outdoor gathering areas, I saw none of these items mentioned in the negative declaration. I asked the planner why he had not addressed these issues. He responded that regardless of what was said at the meeting, these were not part of the Church's current proposal. I later returned to the Planning Department to seek information missing from the public document. I happened to see the plans for the Church on the counter. I asked another planner about these items. He said they should be in the plans if proposed. On page 2 of the plans I discovered the following (I am going to quote just a few descriptions from one of the missing pages of the plan, page 2):

Building Legend

- E. ADMIN./CAFE Full service kitchen with indoor/outdoor seating; Church Offices.
- G. TOWER Focal Feature; Shaded play/ Kiosk / Amphitheatre Sound Booth

Landscape/Hardscape Legend

- 1 VILLAGE GATEWAY Visual / Pedestrian "Front Porch uses: Cafe/Bookstore/Dining Terrace
- 2. CHAPEL GARDEN Frames Chapel / Terminal Vista; Wedding Garden/ Gazebo/bamboo Screening
- 3 TIDAL PLAZA Fellowship Plaza/Amphitheatre; Pop Jet Fountains: Embedded Sculptures, Tidal Focal
- 4 LITTLE SQUIRTS COURT Soft Play Children's Area visually accessible from Fellowship Plaza
- 8 CHILDREN'S OUTDOOR PLAY Age appropriate themed Outdoor Play zones.

My comments.

1. Sound System

The above features, all ignored in Mr. Santos' noise analysis except item 8 from the Landscape Legend, on their face raise potentially significant noise impacts. Mr. Santos' explanation to me of not considering them in his negative declaration is that they were not in the proposal. I told him I had heard about a sound system that was not amplified. He said there is no such thing. He said if it is a sound system, it is amplified. Subsequently I found the following in a copy of the Church's sound report given to me by a neighbor (I later discovered it was in Mr. Santos' file):

MISCELLANEOUS ACTIVITIES. "There will be no outdoor amplified music, however there would be a localized speakers system that provides low volume background music." Page 8.

How can this be ignored in the negative declaration? Doesn't it at least merit an explanation? I would not be aware of this if I relied solely on the D-MND, even when supplemented by Mr. Santos' oral representations. I live immediately north of the Church. Normal conversations at night are a nuisance unless I keep my windows closed (we do not have air conditioning). If the people outside can hear the music, I can hear the music.

The Church's noise study continues: "Although a detailed plan showing the location of the speakers is not available, the speakers will be calibrated to emit 70dBA or less at 3 feet from any speaker." Page 8. Since this is not in the proposal at all according to Mr. Santos, does this mean it is not permitted? Then what purpose is served by the sound control booth in the Tower? See Plans page 2, missing page 2 of attachment 2. Mr. Santos cites this study in his list of documents utilized. Doesn't he have a duty to explain potential negative impacts discussed in Church documents he utilized?

The Church's report says a detailed plan for the speakers is not available. That suggests the application is inadequate and the planner should not have issued a D-MND. And if the planner does act on the incomplete record, its own standards require that this be designed a potentially significant impact because of lack on information showing that it will not be one. At least it should have been considered under the cumulative effect category. Item XVII.b).

Finally, this portion of the Church's study concludes, "The resultant sound levels would be less than the 50dBA at any project property line and comply with the City's noise ordinance requirements." This again raises my fundamental objection that the fact no ordinances are violated does not rebut the potentially significant impact. If the standard for a conditional use permit was only that no laws are violated, there would be no need for the entire process. Normal code enforcement would be sufficient. Yet the Church's response is the same response I got from Mr. Santos repeatedly, leading me to infer that he and the Church's noise study both fail to meet the standard for a negative declaration.

2. *Item 4 [from the Landscape Legend of page 2 of the Plans] LITTLE SQUIRTS COURT Soft Play Children's Area visually accessible from Fellowship Plaza.*

The "soft play area" is near the Tidal Plaza, containing "Pop Jet Fountains." Have you ever heard little squirts around water? It is not quiet. If the child play areas in Item 8 of the Landscape Legend required mitigation (the only mitigation required other than for water runoff), why is this play area totally ignored in the D-MND? Also, regarding the two other play areas noted in item 8, if noise to the south must be mitigated by a seven foot high sound wall, why not noise to the north? I cannot tell if there are any walls on the north side of the play area. At a minimum, this should have been explained in the negative declaration.

3. *Item 3 [from the Landscape Legend on page 2 of the plans] outdoor amphitheater*

Other items listed above from page 2 of the plans so obviously raise the potential of noise impact, that the failure of Mr. Santos to address them is inexplicable unless his explanation is true: that he believed the Church's current plans do not propose an amphitheater, outdoor dining, or a sound system. The desk copy did show hardscape improvements designed to create high quality outdoor gathering places. I asked him about this and why he had not addressed it. He said this was not an amphitheater and did not have any more impact than the courtyard outside

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city hall – people stop to talk when they leave a building. The two situations are not at all comparable in function, design, or location. Even if they were, it should have been noted as an explanation when he concluded that there was no potential significant impact. Why is no mitigation required for an outdoor amphitheater that may be used for unidentified events and perhaps has an outdoor sound system? If a child’s playground requires mitigation by a seven foot soundwall, why is there no requirement of a soundwall in the gap between the Administration/Café building and the Tower. Unlike the playground areas, the amphitheater and outdoor dining mentioned next might be used at night.

DT38

4. *Item E* [from the Building Legend of page 2 of the plans]. *Café*

With regard to the café, Mr. Santos said there was no proposal for outdoor seating, contrary to what I later discovered on page 2 of the plans. Is that where the outdoor music will also be situated? I told him I had heard conflicting statements regarding when the café would close – 10 or 11 p.m. He told me that the Church said it would close at 10 p.m. This is too late for a residential neighborhood, and even if permitted it should have been disclosed and explained in the negative declaration. But worse, I do not even see any time limitation in the D-MND. Even in commercial areas, there are time limits.

DT39

5. *Parking Structure Noise*

Mr. Santos notes [D-MND page 20 item d), Discussion] that the parking structure is a noise source identified in the Church’s noise study. He reports that the study concludes that future exterior traffic levels would be in compliance with the City’s noise ordinance. He concludes the section with a finding of Potentially Significant Unless Mitigation Incorporated, but the only mitigation required in the noise portion of the study consists of a wall near two of the play areas. This implies that he had found that the parking lot does not have a potentially significant noise impact. Yet the Church noise report he relies on says the following: “Noise from parking structures typically consists of vehicles arriving and departing, vehicle movement within the parking structure, wheel squeal, car alarms, opening and closing of car doors, and peoples’ voices. Quantification of parking structure noise is difficult to predict due to many variables.” The Church’s study concludes that design features will reduce parking structure noise to levels similar to the current condition. Nowhere does Mr. Santos discuss whether that level has a potentially significant impact. Car alarms are currently a disturbing factor. The other noises are in the words of the Church’s own report, difficult to quantify. In addition I mention elsewhere in this letter other authorized and unauthorized uses of the parking lot that generate significant noise. There are no requirements that the Church control unauthorized use of the parking structure. The lack of information about these effects requires a finding of potentially significant impact.

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6. *Other Activities*

Attachment 3-4 to the D-MND identifies many activities taking place on church property including the following evening activities: Sunday school, small group meeting, team meetings, youth meetings, and music rehearsals.

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In addition the Church says the following about special events in footnote ***: Special

Events are not regularly scheduled events. They may take place any day of the week except Sundays. Activities associated with special events conclude by 10:00 p.m.” How can Mr. Santos find no significant noise impact based on this material attached to his negative declaration, and how can a negative declaration fails to include any of this in the explanation be considered adequate? One night around midnight I requested that the Church cease outdoor dismantling of a metal stage following one of these special events and received the reply, “We should be finished soon.”

In addition, one activity starts as early as 6 a.m. The attachment also reports a total daily attendance of more than 1000 per day except Monday and Friday. Attachment 3-4.

These other activities are not specified with any detail (e.g., D-MND page 2 Table A, C - meeting space for other large groups/functions), therefore there is insufficient information to conclude that there is no significant negative impact. This shows that the application for the conditional use permit is incomplete for purposes of issuing a negative declaration. There already are numerous occasional activities in parking lot that cause noise (e.g., outdoor barbecues, nativity scene viewing, arrival and departure of buses, musical performances). These do not appear to have been considered even though they suggest the potential for significant impact alone or cumulated with other activities. There is no explanation of what additional occasional uses are planned other than weddings and funerals. Since the D-MND contains no restrictions, the lead agency lacks sufficient information to make a finding of no potentially significant impact.

There also are some occasional uses that are not authorized by the Church but which the Church has told me it cannot control – such as late night fireworks, auto racing, model car racing and model airplane flying, skateboarding, and playground activities. Though the Church is not proposing these activities, their existence impacts the total cumulative effect of the events the Church will sponsor.

7. Construction Noise

A negative declaration requires consideration of construction noise. D-MND p. 6 item 2. There are standard conditions imposed on construction by the city. However, I imagine that it is extremely unusual to see proposed a 30-month time period for construction in a residential neighborhood. Disruption of quiet enjoyment of one’s home and neighborhood from 7 a.m. to 8 p.m. Monday through Saturday might be tolerable for a few days or weeks, but not for two and a half years! Meeting the requirements of city ordinances does not justify ignoring the impact. The city standards do not adequately mitigate the harm. CEQA might still allow the noise to occur, but at minimum in this situation it would seem to require an EIR. The Church’s own noise study, 4.4 CONSTRUCTION/DEMOLITION p.7 says that “A construction phasing plan has not been developed at this time; therefore only a general estimate of construction noise levels can be provided.” This shows that the proposal is incomplete and cannot provide the basis for finding no potential significant impact. It is not reassuring that the concluding sentence of this portion of the study states, “The construction contractor would be required to comply with the City’s Municipal Code.” I have called to complain on prior occasions about noise, and the response of the Church has been they cannot control when the contractor chooses to do work. If this does not need to be addressed under noise, then it should have at least been addressed under

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public services, because it sounds like the responsibility is being shifted back to the city. This open-ended 30-month construction window obviously raises potentially significant noise impact unless mitigated, and merely requiring compliance with the City's noise ordinance is not an adequate response or even explanation.

Element X.b, addresses groundborne vibration or noise levels. Mr. Santos does not require any mitigation of construction noises. We have experienced disruptive vibration from previous construction work and see no mitigation measures being proposed to address that.

The Church's own noise study identifies the issue of traffic noise. Increasing traffic volume will increase the amount of traffic noise. The Church's study was only concerned with impact of traffic noise on the Church, not with the proposal's impact on the neighborhood resulting from increased traffic. Mr. Santos' report ignores the fact that some traffic is going to be redirected from Loma to Adams and to 17th Street. This needs to be addressed in the negative declaration. For more on this issue, see discussion of traffic impact, elsewhere in this letter.

8. Noise from trash collection and loading or delivery docks.

Rainbow currently picks up trash from a large metal bin three days a week from a ramp located outside the Worship Center just south of Adams. Pickup often occur around 7 a.m. This creates loud disruptive banging of metal and truck backup warning beeps. I complained to the Church about this at the neighborhood meeting. I was told by Church official they would consider relocating the trash pickup. I spoke to Ron Santos. He told me that not even the current location is shown on plans, though there are requirements that the location of trash storage bins be shown (see discussion of Hazardous Waste). Mr. Santos obtained for me a statement that there were no plans to relocate. His position seems to be that if it is not being changed, it can be ignored. However, a negative declaration requires consideration of cumulative impact. New plans without significant impact when added to existing noise can cumulatively cause a significant impact.

Building plans I recently discovered show that there will be a loading dock or delivery dock for the Café/Admin building. This is also ignored in the negative declaration, yet matters like this have resulted in mitigation requirements in other cases in this city. Therefore there should be a restriction on the Church before finding no potentially significant impact. At a minimum, there should be some explanation why no mitigation is required.

AESTHETICS

I believe that there were prior conditional use permits [CUPs] granted on this property with restrictions to mitigate aesthetic impact. This is ignored in the current D-MND. This raises a critical issue that is not addressed: does this CUP supersede limitations imposed by prior CUPs? I have not been able to get a clear answer to this question. Originally this application for a CUP was submitted as an amendment to the existing CUPs, and this is what I was told at the meeting the Church held for neighbors. At some point this application was changed to a new application. Why? Because an amendment would leave prior conditions unless expressly changed? Does this new process impliedly repeal all prior conditions? Either way, this merited discussion in the negative declaration and the public had a right to be informed. This omission is another demonstration that the finding of no potentially significant impact is not justified.

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Since the aesthetic aspects have already been approved by the Design Review Board, this omission and others makes me wonder if the Board was aware of these omissions. Are there publicly available findings of the Design Review Board that members of the public can inspect?

The Church's proposal identifies several aspects as visual focal points, including the large tower. The reduced plans included in the public version of the D-MND are difficult to read, but it appears the Tower is 84 feet, and a sketch of the completed campus illustrates how it will serve as the focal point for the campus. These large structures and a parking structure totally out of place in a residential neighborhood will dominate the neighborhood vista. Very few parking structures exist in the entire city and to my knowledge are all part of a commercial development or partly commercial development in a commercial area (Plaza Almeria). This is not specifically addressed in the negative declaration.

Item XIII d. on page 23 addresses light or glare. It states that lighting will be similar to the existing site. What about the outdoor dining area and other gathering areas? These do not currently exist. Do the plans show where the lights will be? There is not sufficient information made public to justify a finding of no potentially significant impact.

TRAFFIC

Mr. Santos' discussion of traffic on page 14 of the D-MND specifically notes "one activity at the project that is notable" is the preschool pickup and drop off on Loma Avenue, Main Street, and 14th Street. He says the proposed project does not significantly alter the preschool activity. Besides ignoring this traffic as part of the cumulative impact of the project, he may be factually wrong. According to statements made to neighbors at the Church meeting, in order to address concerns of residents on Loma about traffic generated by drop off and pickup of children at the schools, this traffic will be redirected to Adams and 17th. The relocation is also noted in the D-MND page 2 table A item B. Santos appears to be unaware of it and totally fails to consider the impact on Adams and 17th Street.

One potential safety impact that I would like to specifically address is the speed and amount of traffic westbound from Main to 17th on Adams. Traffic exiting the alley between Main and Shipley or turning from Adams into the alley cannot be seen by westbound traffic on Adams because of a blind curve. This currently exists, but increase in traffic will exacerbate this problem. I specifically raised this concern at the Church meeting with neighbors and requested them to look into mitigation. It has been ignored.

Mr. Santos' explanation of the traffic impact assumes that various mitigation measures [e.g., limiting attendance below capacity, shuttle service] will be taken but does not check the box requiring mitigation. If the no impact or less than significant impact finding is based on mitigated activity, that should be a requirement of approval.

I question the conclusion there will be adequate parking based on the fact that Church staff members are currently instructed to park in residential streets to save places for church members on Sunday.

OT45a

OT45b

OT45c

OT45d

OT45e

OT45f

HAZARDOUS MATERIALS.

The D-MND page 18 says there are issues relating to capped oil wells and methane but that because of city policies, there is no potentially significant impact. As we saw on Bushard not too long ago, city policies don't always prevent accidents. I am not confident this conclusion justifies a negative declaration without mitigation.

0746

PUBLIC SERVICES

As I mentioned regarding noise and the parking structure, security might be required to mitigate noise in the structure and the parking lot. There are no mitigation requirements. This might increase demand on police services since neighbors will have no recourse other than calling the police. This is not an efficient use of police resources. Some mitigation should be required for a finding of no potentially significant impact. In addition, some people have expressed public safety concerns regarding concealment of predators in the parking structure. Though we have heard rumors the Church will provide security, it is not a requirement in the D-MND. I can find no element in which to address this other than Public Services.

0747

HYDROLOGY

This was one of the only two areas where Mr. Santos' notes that mitigation is required. However, I have concerns about whether the mitigation required is adequate. In 1997, an El Niño year (and I fear there will be more), the flow of runoff rainwater exceeded existing capacity along Shipley and Adams near the Church. I do not know if the City Planning Department took this into consideration in requiring mitigation. It might not be sufficient to handle the problem in extremely heavy rainfall. Though this area is not in a flood zone, danger of localized flooding due to heavy runoff and inadequate storm drains do not appear on a flood map. Anyone who goes by Adams and Lake on a day with even moderate rain can see that, just blocks from the Planning Department.

0748

Item m on page 12 of the D-MND speaks of potential discharge of stormwater pollutants from areas of material storage (including waste handling and loading docks), yet when I asked Mr. Santos whether the Church was relocating their current waste storage and pickup area, he said it was no shown on any of the plans. How can he conclude there is no impact if he does not even know the location?

0748o

He also reports that the proposal does not include delivery areas or loading docks. Item m, page 12. I believe the plans for the Administrative/Café building do include a delivery area or loading dock, in which case he is factually wrong. Perhaps some of this is identified in the cited attachment 23, but it is not an attachment that was part of the document made available for public inspection.

0749

AIR QUALITY

There are restrictions on construction for air quality purposes in the city's standard conditions. Has staff considered whether the parking structure or Café will have any impact on air quality? I did not see this in his explanation for his finding of less than significant impact. I also do not think he has explained why the very impacts he has identified are less than significant. Again he seems to suggest that absent a violation of the law (in this case SCAQMD

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thresholds), there is no significant impact. Mere compliance with the law does not justify per se a finding of no potentially significant impact, and ignores the cumulative impact. He concludes that the standard construction limits on construction will prevent any potentially significant impact during construction, but no obligation is imposed on the Church to monitor the contractors, something they have refused to do in the past.

DTCO

ELEMENT XVII, MANDATORY FINDINGS OF SIGNIFICANCE

The findings on items b and c are inadequate because of the inadequate review of the other elements.

CONCLUSION

The numerous issues ignored or inadequately addressed demonstrate that there was insufficient information to justify a finding of no potentially significant impact, or that the application was incomplete, or that Mr. Santos often applied a standard of review that only considered whether there would be violations of ordinances (a standard that is not sufficient for a Negative Declaration). Therefore the negative declaration should not be adopted and an Environmental Impact Report should be required. At least, the City should investigate the concerns I have raised and require revision of the plans to adequately mitigate the potentially significant impacts.

J51

Submitted by David Treiman
June 11, 2007.

David Treiman

AUG 08 2007

Huntington Beach Planning Department
Attention: Ron Santos, Associate Planner
From David Treiman

July 2, 2007 [Typographical and grammatical errors corrected Sunday, August 5, 2007]

Comments on Draft Mitigated Negative Declaration No. 06-008.
These comments supplement my comments of June 11, 2007.

OBJECTIONS TO THE COMMENT PROCESS

At the outset I wish to raise new objections to the fairness of the comment process. The fairness of the initial comment period (May 24 through June 12) was compromised by a clerical error that omitted several critical pages from the attachments to the Draft Mitigated Negative Declaration (D-MND). While I appreciate the decision of the Planning Department to extend the original comment period to July 2, notice of this fact was not published until the June 28 issue of the Huntington Beach Independent (apparently because of an error on the part of the newspaper). Although residents did receive a letter extending the comment period, it was identical to the original notice except that the closing date was changed from June 12 to July 2. A person who had already reviewed the D-MND would have no reason to know that important additional documents had been added to the copies at the Planning Department counter and at the Central Library after June 10.

On June 18 the First Christian Church held a meeting to discuss the plans with neighbors. At this meeting, Senior Pastor Bruce Templeton said he had read the public comments on file in the Planning Department. He said that in response to concerns expressed in the letters and to financial considerations, the church was modifying the plans and would delete several items from the proposal. He said that the revised plans would be submitted to the city on June 19. Over the next nine days I and some of my neighbors attempted to review the revised plans. I was told on June 19, 21, 25, and 27 by the Planning Department that no new plans had been submitted. On June 27th I was told that the City had received an e-mail from the church promising the plans would be submitted soon. I was first able to obtain these revised plans and a revised narrative on Thursday, June 28th. I suggested to Ron Santos that citizens could not be expected to comment by July 2 since most would not have an opportunity to review the plans or probably even have notice of the revisions. Mr. Santos could not comment since he had not had an opportunity to fully review the new plans, but he said the comment period probably would not be extended if the revisions consisted solely of deletions from the original plans. In fact, the new plans and revised narrative do not consist solely of deletions. They reveal new information shortly before the end of the comment period, leaving the public without adequate time to review the changes and file comments with the city. I had prior commitments this past weekend and am struggling to complete these comments in time to file them today. If I had more time, I could have done more to support my objections to the D-MND.

The promises and representations made by the church at the meeting with neighbors on June 18 probably induced some neighbors to refrain from commenting on the original plans and the

D-MND. However, based on my review of the new plans and narrative and on a conversation with Mr. Dyson, project manager for the church, I discovered that the revised plans and narrative made available on June 28 were in several respects inaccurate, misleading, incomplete, or contrary to statements made on behalf of the church at the neighborhood meeting on June 18. With respect to some of these items, Mr. Dyson admitted there were errors and represented that the church planned to correct the errors by filing revisions with the city as quickly as their architects could respond. Though I appreciate his candor and willingness to correct good faith errors, this does not eliminate the unfairness and perhaps illegality of asking the public to comment on plans that have changed several times during the comment period and perhaps have not been finalized. I want to stress that these changes do not consist solely of deletions – they clarify and add to the original materials in a manner that compromises the public’s ability to review and comment on the adequacy of the D-MND. More than that, the manner in which the comment period has developed probably makes it virtually impossible for the city planners to conclude that the project (elements of which still have not been accurately presented in the newly revised plans and narrative) has no potentially significant impact on the environment.

I spoke with Mary Beth Broeren on Friday, June 29, and expressed some of these concerns to her. She told me that it was too late to extend again the comment period which is due to expire Monday, July 2 because it would be impossible to give the public timely notice. However, she did recognize that there were problems with the process that needed to be reviewed. She told me she would raise these issues with her superiors in the Planning Department and recommend that they consider new notice and a new comment period. I would strongly urge that the Planning Department take such action now. I told Mr. Dyson that this was my position and suggested that it would seem to make more sense for all parties affected to remedy the problems at this stage than to continue to the Planning Commission or City Council and be faced with having to go back to this stage at a later time.

At the meeting with the neighbors on June 18, most of the neighbors in attendance and the church representatives expressed a willingness and desire to work together to allow the church to renovate its campus and accomplish its goals while respecting the community interest in preserving the nature and quality of the neighboring residential zones and avoiding unreasonable disruption for the 30 months of construction and the future decades of operation of the Next Wave of the church’s development. I hope that the neighbors will be given the opportunity to work with the church to make suggestions that will balance these interests, and enable the church to submit final plans the that city can fairly review for environmental impact before the neighbors are asked to comment again.

Summary of Additions and New information in Revised Narrative and Plans

These are some of the points in the revised narrative and plans (made available on June 28, 2007) that raise concerns regarding the completeness and accuracy of the existing Draft Mitigated Negative Declaration.

Revised Narrative

Page 2, item E. The bookstore is not in the narrative or general plans. Mr. Dyson told me this is

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going to be corrected.

Page 2 provides new information about the "Tidal Court" which I assume refers to the Tidal Plaza identified in the plans. This new information raises concerns about noise.

0754

Page 3 states the number of spaces in the parking structure as 299, though the original narrative states the number as 129. This was apparently a correction of an error, but citizens might have been confused and not been aware of the actual size until this correction was made available on June 28.

0755

Page 4 reveals for the first time the intended hours of operation of the café. No mention is made of the bookstore.

0756

Revised Plans [page 3 is missing]

Page 1. The Tidal Plaza now more open to Adams Ave. than it was under the original plans. This is also true of the Little Squirts Court. This could affect noise on Adams.

0757

Pages E3 and E4 were not included in the copies of the D-MND, even as corrected after June 11. I saw them for the first time on June 28. They show a 42-foot tower on the Café/Administration Building that even Mr. Dyson did not recall.

0758

Page F2 still shows the large tower. Mr. Dyson says that this was an error and will be corrected.

0759

G1 and G2 are diagrams of the parking structure that were not included in the D-MND. G3 consists of new drawings of the parking structure and show an architectural tower and an elevator tower we did not know of until June 28.

0760

SPECIFIC OBJECTIONS TO FINDINGS IN DRAFT MITIGATED NEGATIVE DECLARATION

In addition to the objections I raised in my letter of June 11, I have several new matters to raise. I learned about these new matters from the revised plans and narrative made available on June 28, and from meetings and conversations with Associate Planner Ron Santos and representatives of the church. I discovered new information, misinformation, or gaps in information that lead me to question the findings of no potentially significant impact regarding several matters. I will discuss these matters, but first I must point at that at this point, the last day of the comment period, I still do not understand exactly what the church is proposing with respect to several important aspects of the project.

0761

Issue of Deletions from Initial Proposal

Early in the meeting on June 18 with neighbors, Senior Pastor Bruce Templeton assured neighbors that several specific aspects of the plan to which neighbors objected were being deleted from the plans or were only mistakenly identified as in the plans in the first place. My notes of that meeting show these were the large tower, the Little Squirts Court, the Amphitheater, the outdoor

0762

sound system, and pop jet fountains. He told us the revisions would be submitted on June 19. The revised plans and narrative made available on June 28 did not fully correspond to these representations. Mr. Dyson, project manager of the church, responded to my request for clarification. These were the items we discussed.

Page F2 of the plans still shows the large tower, though it was deleted on other pages. Mr. Dyson said this was an error. The tower has been deleted and corrections will be submitted to the city.

Little Squirt's Playground

This is still in the plans. Mr. Dyson told me that there was no intention to delete this. He said that either I misunderstood or that someone misspoke. This element was not addressed in the D-MND and I raised this objection in my letter of June 11. This is a playground area. Two other playground areas were the only elements requiring noise mitigation in the D-MND. This aspect at least should be addressed in the D-MND. Mr. Dyson assured me that it would be screened in and only used on Sunday morning. If such a limit exists, shouldn't it be expressed in the plans or narrative and in the D-MND? If these limits are not required, this would heighten my concerns about the noise impact of this playground area. On Thursday, June 28, outdoor activity involving inflatable playground equipment, water fights, and noise continued all day. This occurred in the area where the Tidal Plaza will be. We could hear it, as well as outdoor music, from our house with the windows open. We do not have air conditioning and should not have to keep windows closed in the summer.

Amphitheater.

At a church meeting with the community about a year ago, I heard that the church planned to have an outdoor amphitheater. Page 2 of the original plans lists an amphitheater in the Tidal Plaza. Ron Santos told me he did not address this in the D-MND because it was not part of the project proposal. At the meeting with neighbors on June 18, Mr. Templeton said the amphitheater was deleted, and this is stated in the revised narrative. However, the revised narrative on page 1, item 6, says there will be landscaping and hardscaping "designed to create high quality outdoor gathering places." Page 2 of the revised narrative says the Tidal Court [Plaza?] will serve as the main gathering area and will be open to the public. It will include tables and chairs to support the café and hardscape improvements suitable for informal gatherings. Mr. Dyson told me this hardscape will include tiered seating. It seems like it modeled on the amphitheater at Bella Terra. I asked him what was the difference between this and an amphitheater. He told me an amphitheater has a sound system and scheduled events, and the Tidal Plaza will not have either of these. Nevertheless, I believe this aspect of the project cannot be ignored in the D-MND.

Sound System.

The D-MND does not address the issue of an outside sound system. Mr. Santos told me this was because none was proposed. However, the messages I have heard and seen are inconsistent. I recall Mr. Templeton saying at the meeting on June 18 that there would be no outdoor sound system. Someone else said there would be no outdoor amplified sound system. The new narrative says no outdoor amplified music. The church's noise study on page 8, said: "There will be no outdoor amplified music; however there will be a localized speakers system that provide low

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OT66

volume background music." Reading these together, I am not satisfied there is no outdoor sound system as promised on June 18. Mr. Dyson told me there will be no outdoor speaker or sound system and that the narrative will be corrected. Until this is clarified, it should not be ignored in the D-MND, especially since the original plans upon which the D-MND was based indicated the tower would contain an amphitheater sound booth.

OT66

Café and Bookstore

I don't understand why a commercially operated café and bookstore open to the public in an area zoned P/PS does not violate the general plan and zoning laws of Huntington Beach. Even if allowed, mitigation should be required. Therefore the D-MND is inadequate regarding element I on page 7.

OT67

My neighbors and I have commented on our concerns relating to noise, odors, and traffic caused by these operations. Nowhere in the original D-MND were we given information relating to the capacity and hours of operation of these two activities. At the meeting on June 18 we were told that the café would seat 70-80 inside and 15-20 outside. It would operate from 7 a.m. to 9 p.m. seven days a week [this is changed slightly in the revised narrative]. There will be a full kitchen. The bookstore and café together were intended to create a welcoming environment for church members and the public comparable to a Barnes and Nobles and a Starbucks. I asked if the church would at least consider limiting the hours of outdoor dining. I was told this would be considered. For the first time the revised narrative provides some details regarding the hours, but not size, of the café. It ignores the bookstore. I was told that unless limits are imposed in the conditional use permit, there are no restrictions on the operation of the café or bookstore. This is not the document to address the conditions, but without any restrictions I don't see how the D-MND can declare there is no potentially significant impact.

OT68

I believe Mr. Santos said there was nothing in the proposal about outdoor dining. However, on another occasion he told me that if one has an approved school, that implies playing outside anywhere but in a parking lot is permitted. Under that logic, if one has a café, is outdoor dining permitted anywhere but the parking lot?

Mr. Dyson said the bookstore was omitted by error, and the narrative will be corrected. I cannot comment because I have not seen the final narrative, but I wonder whether there will be limits on its hours.

OT69

There is a receiving entrance for this building. Will delivery hours be limited? I believe they were for Target and Walmart. Why is this ignored in the D-MND?

OT70

Traffic is already congested in the late afternoon at Adams and Main. Has the traffic impact of these two commercial enterprises open to the public been addressed? I didn't see it in the D-MND.

OT71

I just discovered on pages E3 and E4 [not made available before June 28] that there will be a 42-foot tower on this building. This raises concerns about aesthetics and how it fits in the neighborhood.

OT72

Another citizen has raised questions about odors from the full service kitchen. I saw nothing in the D-MND regarding this.

OT73

Even if allowed by the zoning laws and general plan, I would expect to see some mitigation

OT74

required to protect nearby residences. I recall reading that the city imposed such requirements on Target, Walmart, and the Moulin Rouge restaurant. It seems obvious that noise, odors from the kitchen, parking (slamming doors, car alarms), and traffic generated by these uses create a potentially significant impact on the neighborhood, even if mitigated. When I asked whether the church would consider limiting outdoor dining hours, I was told it would be considered. When I asked whether the limits would be incorporated in the request for the CUP, I did not get an answer. It is my understanding that mitigating measures must be in the negative declaration and means of enforcement must be considered before the potential impact can be disregarded. If allowed at all, these activities must be limited.

OT74

Mistake regarding parking structure. New diagram of parking structure.

The original narrative said the parking structure would hold 129 spaces and the new narrative says that it will hold 299. Mr. Templeton did not return my call because he is out of town, but Mr. Dyson, the project manager called me this morning. He said the first narrative was in error - the total parking spaces now listed is only one space more than before (580 compared to 579), but the number of spaces in the structure was erroneously reported as 129 in the first narrative - it has always been intended to have 299 spaces.

OT75

I also discovered that the plans include pages G1 and G2 relating to the parking structure that I had never seen before. These pages were not even included in the corrected version of the plans made available on June 7. Page G3 shows an "architectural tower" as part of the parking structure.

In addition, it was revealed at this meeting that the plans are still incomplete with regard to several matters. Height, lighting, and hours of usage still have to be finalized. For example, it appears that it has not yet been determined what hours the parking structure would be in use, how it would be secured when closed, and what type of lighting will be used. Without knowing this, how can a negative declaration regarding noise, parking, and light be made?

OT76

Special Events

The revised narrative says on page 2 that there will be no regularly scheduled outdoor gatherings. On p.4, Hours of Operation, it says weddings, and related activities, along with other special events held at the church will end by 10 p.m. It says that weddings and funerals may take place on any day of the week except Sunday. Attachment D estimates 350 attendance for planning purposes. This creates the potential for noise from events ending at 10 p.m. in a residential neighborhood with people going to cars, talking, slamming doors, etc. This narrative seems too vague to justify a finding of no potentially significant impact.

OT77

How often is occasional? I recently learned that the church should have been obtaining activity permits for special activities held in the parking lot, and is limited to four a year. I was told that apparently the church was not aware of this requirement. I also recently learned from Ron Santos, that this requirement only applies to use of the parking lot and it can be circumvented by the issuance of a conditional use permit allowing such activities. If the church specifies in its narrative occasional special events, have they just eliminated any restrictions on outside events? I

OT78

don't know what the church is actually requesting or what limits remain. None of this is addressed in the D-MND. Based on the information provided, I do not see how the Planning Department can find no potentially significant impact, especially given the rigorous legal requirements for a negative declaration.

I am concerned about outdoor special events. In discussing this recently with Ron Santos, he said that outdoor play events, like one that occurred on June 28, would not require an activity permit because it would be a natural activity of a campus with a school. It can take place anywhere on campus except parking lots. Then what is point of requiring sound walls only on the two designated play areas on the south side of the campus? Does this mean there is no limit to frequency, duration, or time of such activities? On June 28, there was even an outdoor sound system. This cannot be ignored in negative declaration.

We were told at the meeting of June 18 with the church that all events will end by 10 p.m., **unless neighbors are notified.** The revised narrative says events will end by 10 p.m. But it takes time for people to clear out. What steps will the city require to assure that these promises are kept. I have evidence that activity has continued past ten, and at least once past midnight.

Are there any limits on frequency, duration, location, and time of these occasional special events? It seems there is a potential for significant impact if not limited or mitigated.

Prior Conditional Use Permits and Restrictions

After the church held a community meeting last summer, I went to the Planning Dept. and looked at the existing conditional use permits for the church. My memory is hazy, but I recall seeing several CUPs with some limits imposed by the city including, I believe, on the size of cross and signage, and restrictions on simultaneous use of various facilities. I discovered recently that the church's application was changed from one amending the existing CUPs to a new CUP. Ron Santos told me on Thursday that this supersedes prior CUPs and accompanying limits. If true, shouldn't this have been discussed in the negative declaration?

Construction Noise

At the meeting with the church on June 18, I raised concerns about the long hours allowed for construction. I was told there are no plans to do construction on Saturdays, and that contractor would normally begin at 7a.m. and cease mid-afternoon. I asked if church would agree to these as limits in the CUP, and I was told it would be taken under consideration. Some mitigation is essential. How common are construction projects of this duration in a residential neighborhood?

To Huntington Beach Planning Department

From David Treiman, Shipley Street

August 8, 2007

**COMMENTS ON REVISED DRAFT MITIGATED NEGATIVE DECLARATION FOR
FIRST CHRISTIAN CHURCH DATED JULY 19, 2007**

I submitted comments on June 11 to the original Draft Mitigated Negative Declaration. I submitted supplemental comments on July 2, when the original D-MND was corrected to include pages accidentally omitted.

On July 19, the Revised D-MND was made available, along with a third version of the narrative and some additional plan changes. In fact most of the problems I raised in my June 11 and July 2 comments still exist. However, it appears that none of my comments have been addressed in the revised D-MND. Therefore, I wish to reassert those objections and request that you read those letters and treat them as applying to the revised D-MND of July 19. My comments in the first two letters with respect to the flawed comment process have been mooted by the revision of the D-MND and third comment period. Although my objections to the process have been mooted, my substantive objections still remain.

My neighbors, in their many letters to the Planning Department, have addressed many of the points I have raised and more, so I won't repeat them all in this letter. In this letter I wish to focus on four areas:

1. General remarks about the nature and size of this entire project.
2. A brief remark about traffic.
3. A brief remark about construction and air quality.
4. Extended remarks about potentially significant outdoor noise. This is the area that I believe has received the least attention by the Planning Department and the area that will most significantly disturb neighbors to the north of the church property. Therefore, I will also reiterate some points raised in my comments of July 2.

1. General Remarks About Nature and Size of the Project.

This is a huge project for a residential neighborhood and merits an Environmental Impact Report. It seems larger in size and duration than the Senior Center in Central Park, where an EIR is being prepared. The very fact that the city is requiring a three-level parking garage in a residential neighborhood is prima facie evidence it is too large for its location. I do not know of any other parking structures in Huntington Beach near a residential area that are not part of a commercial development. Bruce Templeton's video description of the project ("Bruce's Next Wave Presentation") is available on the church's Website. He stresses the enormity of the project: "This

is a God-sized endeavor.” “We are attempting to do something so great, of such magnitude, that the only way we can accomplish it is with God’s help.” He notes that within five miles of church there are 307,000 people and that 58% do not attend church anywhere. He says that means “there are over 178,000 people within five miles of our church building who do not know Jesus Christ.” Their mission is to reach those 178,000 people. The proposed project and list of activities reflect those broad ambitions. It is clear that part of the model for this project are large modern shopping centers, specifically in this case Seacliff and Bella Terra. The style of shopping mall architecture is totally out of character with the residential neighborhood. At a neighborhood meeting Bruce Templeton said the goal of the proposed café and bookstore was to create a setting like a Starbucks and Barnes and Noble. But what Starbucks seats 80 inside and 15 to 20 outside? He said in the video, “the church was never intended to take a back seat to commerce.” But it seems like more restrictions have been placed by Huntington Beach on restaurants and big box retailers in areas zoned commercial than are being placed on the church’s commercial enterprises. This project is intended to accommodate growth for the next half a century. If this does not require an EIR, then this process seems to be making a mockery of CEQA.

OT83

OT84

OT85

A picture is said to be worth a thousand words. The video includes a simulated tour of the proposed campus. One cannot truly appreciate the enormity of this project without viewing the video and listening to Pastor Templeton’s eloquent description. I urge the members of the Planning Commission and of the Planning Department to view this video.¹

OT86

I am not opposing the church’s mission, nor their desire for a modern facility to further its mission. All I am asking for is that city officials realize the scope of the project, appreciate the potential impact on the community as required by CEQA, and require appropriate mitigation to protect the rights of the community and the immediate neighbors of the church. I believe the original and revised D-MND do not discuss or recognize several potentially significant impacts and do not require adequate mitigation, especially with regard to noise. These are the matters this letter will address.

OT87

2. Traffic.

For the reasons mentioned in my General Remarks, it seems inconceivable that this project will not have a potentially significant impact. Traffic on Adams at Main and at 17th is much worse than it was a few years ago. It often takes more than one light to get across Main Street in the late afternoon. Seventeenth and Adams probably requires a traffic light. Speeding westbound traffic on Adams around the blind curve just west of Main makes exiting the alley onto Adams extremely dangerous. Church activities already contribute to the problem, and not just on Sunday. The plans divert traffic from Loma to Adams and to 17th. I believe it is contrary to CEQA to ignore the

OT88

¹ www.fcc-connection.com/home.asp

Click box on left side of page “Next Wave”

Click on “Media” on right end of top line,

There are three videos – the most relevant is the third, “Bruce’s Next Wave Presentation”

existing problems and just focus on the increment added by this proposal. I believe you ought to be considering the cumulative impact. I also believe that the explanation for the negative declaration regarding traffic cannot be reconciled with the scope of expansion described in the video on the church's Website.

OT88

3. Construction and Air Quality

The July 27, 2007 issue of the Los Angeles Times reported, "20% of California's diesel pollution comes from the construction industry. Building, mining and airport vehicles are responsible for an estimated 1,100 premature deaths statewide every year and more than 1,000 hospitalizations for heart and lung disease, along with tens of thousands of asthma attacks, scientists say." The article reported that the State Air Resources Board has imposed new restrictions to construction equipment to protect the public health. Even though these new laws have not yet taken effect, the state has found a need to act. I have attached a copy of the article. This cannot be ignored in the D-MND. Clearly the state has found there is a potentially significant impact on air quality. Therefore unless mitigated, an EIR must be prepared.

OT89

4. Noise.

The negative declaration ignores almost all noise other than the noise from two playgrounds on the south side of the project. It requires mitigation to the south for the two playgrounds. The other potential sources of noise listed below far exceed those two in number, scope of activities, and duration. These other sources are generally ignored in the church's noise study and by the Planning Department in the negative declaration. As with regard to traffic, the existing activities should not be ignored, and will be part of the future campus. The size, nature, and duration of outdoor activities generated by the "Next Wave," when added to the existing sources of noise, will make life extremely unpleasant for neighbors to the north, and are likely to substantially harm the property values. Focusing solely on the new sources and ignoring the old is like saying that if 10 units of noise is the maximum acceptable, adding five to an existing nine is permissible because the new project does not add more than 10. That does not appear to be consistent with the requirements or spirit of CEQA. I am merely asking that the city recognize these problems and require reasonable mitigation. At the end of these comments I suggest some possible mitigation.

OT90

List of outdoor activities.

1. An outdoor amphitheater. Do not be fooled by the recent addition to the narrative saying that there will be no outdoor amphitheater. That is not true. I will explain below my reasons for saying this.
2. Outdoor sound systems. The oral promise to eliminate this is evasive and not satisfactory, for the reasons I will explain below.
3. Little Squirt's Playground.
4. Outdoor dining.
5. Noisy activities in the parking lot:
 - a. Parties, picnics, and concerts.
 - b. Playing in the parking lot
 - c. Bus trips pickup and drop off.

- d. Car alarms.
- e. Activities in the courtyard that will become the Tidal Plaza.
- f. Dismantling equipment following late night meetings.
- g. People gathering late in parking lot after special events.
- h. Excessive use of leaf blowers.
- i. Trash collection four days per week at very early hours.²
- j. Sports activities.
- k. Uses not authorized by nor controlled by the church that occur in the parking lot include nighttime skateboarding, fireworks, auto racing, model planes and model cars.

OT90

AMPHITHEATER

At a church meeting with the community about a year ago, I heard that the church planned to have an outdoor amphitheater. Page 2 of the original plans lists an amphitheater in the Tidal Plaza. The Tower included a sound control booth for the amphitheater. Several previous letter writers objected to this amphitheater. Ron Santos told me he did not address this in the D-MND because it was not part of the project proposal. At the meeting with neighbors on June 18, Mr. Templeton said the amphitheater was being deleted from the plans. The revised narrative states on page 2, "The church will not hold regularly scheduled outdoor gatherings on its campus, nor will the Tidal Court function as an amphitheater." Then why am I objecting to an amphitheater that does not exist? Because it does exist, but locating it is like playing "Where's Waldo," and trying to get a straight answer from the church is impossible. I will attempt to assist you in the search for the missing amphitheater.

OT91

The revised narrative on page 1, item 6, says there will be landscaping and hardscaping "designed to create high quality outdoor gathering places." Page 2 of the revised narrative says the Tidal Court [Plaza?] will serve as the main gathering area and will be open to the public. It will include tables and chairs to support the café and hardscape improvements suitable for informal gatherings. Mr. Dyson told me this hardscape will include tiered seating. It seems like it is modeled on the amphitheater at Bella Terra. I asked him what was the difference between this and an amphitheater. He told me an amphitheater has a sound system and scheduled events, and the Tidal Plaza will not have either of these. In addition, as I explain below, it is not clear there will be no outdoor amplified sound. There are already special events held by the church with outdoor amplified sound (including music) even though there is no permanent outdoor amplified sound system. They bring in the equipment for the events in the parking lot (apparently without temporary activity permits) and in the area between the Worship Center and current Youth Ministry building.

But where, exactly, is this tiered seating located? Why was Ron Santos unable to discover this potential amphitheater? I thought it might be hidden in the circular swirls shown on the Tidal

² In fairness to Bruce Templeton, I must acknowledge that he has attempted to address this problem, which I very much appreciate. However, he told me that because Rainbow's contract is with the city, only the city has the authority to address this problem.

Plaza. I was wrong. While viewing the virtual tour of the proposed new campus in the Bruce Templeton's Next Wave Presentation, I saw what looked like concrete benches in the Tidal Plaza – but I agree that is no amphitheater. Then the view changed to the northwest end of the multipurpose building – there it was, the hidden amphitheater. But the videos are not the plans submitted for approval. **So I looked at Plan page C4, and there it was as seen from the West, right where it was in the video (see graphic at the end of this letter on page 9)** Although neither I nor Ron Santos or Mr. Dyson was aware of it, it has been there in the plans all along – both before and after Mr. Templeton said it was being removed. So what was removed? Apparently only the word “amphitheater” and not any structure.

I ask that the church be required to keep its promise and adhere to the statement in the revised narrative, and that this amphitheater structure be removed from the plans – even if the church promises not to use it regularly or with outdoor amplified music. A video shown to the community a year ago showed the amphitheater being used for concerts and speakers. This will generate noise that will flow unblocked to the north to Adams Avenue, with or without amplification. And what guarantees are there that performers won't bring their own sound systems?

Now that the amphitheater has been discovered, it cannot be ignored in the D-MND. Elimination as promised, or at least noise mitigation (like for the playgrounds to the south) must be required or an EIR must be completed.

OUTSIDE SOUND SYSTEM.

The D-MND does not address the issue of an outside sound system. Mr. Santos told me this was because none was proposed. However, the messages I have heard and seen are inconsistent. I recall Mr. Templeton saying at the meeting on June 18 that there would be “no outdoor sound system.” Another agent of the church, after the meeting, said there would be “no outdoor *amplified* sound system.” The June 18 revision of the narrative says “no outdoor *amplified music*.” The current version in the narrative leaves room for outdoor music and amplified sounds other than music. Is this another attempt to hide the truth? I don't think I am being unduly suspicious because my concern about this came from the church's noise study, which said on page 8, “There will be no outdoor amplified music; however there would be a localized speakers system that provides low volume background music.” Reading these together, I was not satisfied that there is no outdoor sound system as promised on June 18. I spoke with Norm Dyson, project manager for the church about this. He told me there will be no outdoor speakers or sound system and that the narrative would be corrected. But then I received the third and current version of the narrative, dated July 10, and there is no change. If the church wanted to be clear rather than evasive, it could have been. Until this is clarified in writing, the church has not demonstrated no potential noise impact and it must be addressed in the D-MND. I don't have to prove an impact; I must merely demonstrate the potential for an impact. Since the Planning Department is requiring seven foot sound walls to mitigate the noise of two playgrounds on the south side of the campus, it seems obvious that the amphitheater and possibility of a sound system cannot be left unchanged and unmitigated.

DT91

DT92

LITTLE SQUIRT'S COURT - Soft Children's Play Area

As I just mentioned, the City has found that the plans for two playgrounds on the south side of the campus have a potentially significant impact unless mitigated. But there is a third playground in the plans (see page two item 4 of the current June 28 version of the plans). At the meeting with the community of June 18, Bruce Templeton said this was being deleted. When I discovered it still in the plans, I spoke with Norm Dyson. Mr. Dyson told me that there was no intention to delete this. He said that either I misunderstood or that someone misspoke. This element was not addressed in the D-MND and I raised this objection in my letter of June 11. This playground area should at least be addressed in the same manner as the other two playground areas were in the D-MND. Mr. Dyson assured me that it would be screened in and only used on Sunday morning. If such a limit exists, shouldn't it be expressed in the plans or narrative and in the D-MND? If these limits are not required, this would heighten my concerns about the noise impact of this playground area. On Thursday, June 28, outdoor activity involving inflatable playground equipment, water fights, and noise continued all day. This occurred in the area where the Tidal Plaza will be. We could hear it, as well as outdoor music, from our house with the windows open. We do not have air conditioning and should not have to keep windows closed in the summer.

DT93

OUTDOOR DINING -Café and Bookstore

I don't understand why a commercially operated café and bookstore open to the public in an area zoned P/PS does not violate the general plan and zoning laws of Huntington Beach. Even if allowed, mitigation should be required. Therefore the D-MND is inadequate regarding element "P" on page 7.

My neighbors and I have previously commented on our concerns relating to noise, odors, and traffic caused by these operations. Nowhere in the original D-MND were we given information relating to the capacity and hours of operation of these two activities. At the meeting on June 18 we were told that the café would seat 70-80 inside and 15-20 outside. It would operate from 7 a.m. to 9 p.m. seven days a week (Sunday hours were changed to 8 am. - 7 p.m. in the revised narrative). There will be a full kitchen. The bookstore and café together were intended to create a welcoming environment for church members and the public comparable to a Barnes and Nobles and a Starbucks. I asked if the church would at least consider limiting the hours of outdoor dining. I was told this would be considered. For the first time the revised narrative provides some details regarding the hours, but not size, of the café. It does not separately address hours for outdoor dining, so it appears the church chose not to show any concern for my request. It ignores the bookstore. I was told that unless limits are imposed in the conditional use permit, there are no restrictions on the operation of the café or bookstore. This is unconscionable directly across the street from residences. I don't see how the D-MND can declare there is no potentially significant impact without restrictions or mitigation.

DT94

I believe Mr. Santos said there was nothing in the proposal about outdoor dining. However, on another occasion he told me that if one has an approved school, that implies playing outside anywhere but in a parking lot is permitted. Under that logic, if one has a café, outdoor dining permitted anywhere but the parking lot.

DT95

The bookstore is mentioned but not discussed in the revised D-MND. Are there any

DT96

restrictions on hours of operation or deliveries? Can it operate 24 hours a day? Can deliveries to "Receiving" show on page E1 of the plans facing Adams and my house occur at any time of the day or night? I read that the city restricted deliveries at Walmart or Target to protect nearby residences. Why can this D-MND ignore this completely?

DT96

Traffic is already congested in the late afternoon at Adams and Main. It is extremely difficult to exit onto Adams from the alley across the street from this new commercial enterprise. Has the traffic impact of these two commercial enterprises open to the public been addressed? I didn't see it in the D-MND.

DT97

I recently discovered on pages E3 and E4 of the plans (not made available before June 29) that there will be a 42-foot tower on the Administrative/Café building. I asked Norm Dyson about this. He told me he was not aware of this tower. Since the tower on the Administrative building was not revealed until the third version of the plans was made available to the public, neighbors might have missed this feature. This raises concerns about aesthetics and how it fits in the neighborhood.

DT98

Another citizen has raised questions about odors from the full service kitchen. I saw nothing in the D-MND regarding this.

DT99

Even if allowed by the zoning laws and general plan, I would expect to see some mitigation required to protect nearby residences. It seems obvious that noise, odors from the kitchen, parking (slamming doors, car alarms), and traffic generated by these uses create a potentially significant impact on the neighborhood, even if mitigated.

DT100

SPECIAL EVENTS – LATE NIGHT

In the revised July 10 narrative, the church states, "The church will not hold regularly scheduled outdoor gatherings on its campus, nor will the Tidal Court function as an amphitheater." The church's list of weekly activities (formerly attachment D and now attachment 2.2, says in footnote ***** "Special events may take place any day of the week except Sundays. Activities associated with special events will conclude by 10 p.m." My objection is to the ability of the church to have special events without any limits as to frequency, duration, or size! I was once told that the church must apply for a temporary activity permit for special events and was limited to just four per year. A city official later discovered that the church has been holding special events without such a permit. But I was also told that no permit is required if the activities do not occur in the parking lot and are related to regular church operations. Therefore it is imperative that some other limits be imposed on these special events. In addition I was told that no temporary activity permit is required if permitted by a conditional use permit. Has the church, by indicating in its proposal that it will hold special events at late as 10 p.m. (including weddings a funerals any day of the week except Sunday) now been given unlimited rights if the conditional use permit is granted?

DT101

I discussed with Norm Dyson the potential for noise from events ending at 10 p.m. in a residential neighborhood with people going to cars, talking, slamming doors, etc. When I mentioned this to Norm Dyson, he said that the church cannot be expected to control the noise of people going

DT102

to the parking lot after an event. If the church is not expected to control noise on its property generated by its activities, then it should not be allowed to have these events, and certainly not in the late evening and night. We were told at the meeting of June 18 with church officials that all events will end by 10 p.m., **unless neighbors are notified**. Notification won't help us sleep any more soundly. This caveat again raises the possibility that what is promised in the narrative might not be what we will actually get. What steps will the city require to assure that these promises are kept. This narrative seems too vague to justify a finding of no potentially significant impact.

DT102

Even after reading three narratives and two D-MND I don't know what the church is actually requesting regarding special events nor what limits remain. None of this is addressed in the D-MND. Based on the information provided, I do not see how the Planning Department can find no potentially significant impact, especially given the rigorous legal requirements for a negative declaration.

Construction Noise

At the meeting with the church on June 18, I raised concerns about the long hours allowed for construction. I was told there are no plans to do construction on Saturdays, and that contractor would normally begin at 7a.m. and cease mid-afternoon. I asked if church would agree to these as limits in the CUP, and I was told it would be taken under consideration. However, I have not seen any discussion of this potentially significant impact in the D-MND. Some mitigation is essential. How common are construction projects of this duration in a residential neighborhood? I read that the city was required to use the county restrictions on noise for one joint bridge project. The county, I believe, prohibited construction after 5 p.m. weekdays and completely on weekends. If these are protections citizens of unincorporated areas get, why can't the city impose it as a condition for an enormous lengthy project in a residential area.

DT103

Construction Air Quality Issues.

The Los Angeles Times recently reported that diesel pollution from construction equipment is a serious health threat and that changes in the law are being proposed. Even if it is not yet the law, it is the City Planning Department's legal obligation to consider this evidence in the D-MND for a project of this scope and duration. Even if no EIR is required, the Planning Commission should protect our health by imposing reasonable conditions on the construction.

DT104

MITIGATION SUGGESTIONS

Some of my neighbors have suggested mitigation ideas, and can probably come up with more good ideas. I would like to mention a few here.

1. Limit outdoor activities that generate noise, especially evenings and weekends, or put up sound barrier walls, especially to the north.
2. Restrict café and bookstore activities so they are not equivalent to commercial enterprises in a residential neighborhood.
3. Reduce peak capacity for worships services a small amount to eliminate the need for a parking structure. The Church leadership says they do not want to build a structure.
4. Impose restrictions on construction noise.
5. Install a traffic light at Adams and 17th.
6. Install a speed bump before the blind curve westbound on Adams and west of Main.

07105

Video Capture of Amphitheater from Church's Website video - Bruce's Next Wave Presentation



JUL 02 2007

Huntington Beach Planning Department
Attention: Ron Santos, Associate Planner
July 2, 2007

I am very concerned about the Tidal Plaza area in First Christians Church building plan. This area, which includes a near by cafe and bookstore proposal, will also be a gathering and dining area from the hours of 7a.m. to 9 p.m.. This is an extremely long time for neighbors to be disturbed by noise and cars, The Tidal Plaza will also have a graduated step-type seating system to be used for programs and students. After hours this step seating area will be very attractive to local skateboarders. Skateboarders have already been a nuisance using the current trash truck ramp pickup area. Therefore, I think the Tidal Plaza area should definitely be required to have a sound wall and locking gate, so the neighbors to the north do not have to tolerate constant levels of noise. Also, any music or sound system would be inappropriate.

LT

Lee Treiman
ShIPLEY Street
Huntington Beach.

TREIMAN, L
ATTACHMENT NO. 5.178

Santos, Ron

From: Ron Troxell [Ron@troxellusa.com]
Sent: Monday, June 11, 2007 7:45 AM
To: Dick Millar (Attorney)
Cc: Vincent; Steven T. Nanko; nga van; Todd Gan; Georgina Troxell; Kurt & Dana; Lustig, Patrick; Rick Davitt; Santos, Ron
Subject: HB Citizens for reasonable growth

**First Christian Church
New Building Center**

June 11th 2007

**Richard W. Millar, Jr.
Millar, Hodges & Bemis
1301 Dove Street, Suite 900
Newport Beach, California 92660
949-752-7722
Fax 949-752-6131**

Dear Dick Millar,

Please see the letter below for your reference. It seems Ron Santos (City Employee) has accepted an incomplete declaration from FCC (First Christian Church).

Personally I think it a fair and legal request that Ron Santos require a complete declaration from FCC.

I faxed you a copy of the declaration in question last week. Please review and provide your opinion.

Thanks so much,

**Ron Troxell
Crystal Island Estates**

Thanks Ron Troxell

Subject: RE: HB Citizens for reasonable growth

I have been working on my letter for the Planning Commission with comments on the "Draft Mitigated Negative Declaration" due June 12. I have spent several days researching files at the Planning Department and asking questions. Today I learned that the versions of the declaration that is available for public inspection at the Planning Department and at the Central Library are missing several pages. These pages contain some information I consider critical. For that reason I spoke with the Principal Planner, Herb Fauland. I asked that the missing pages be made available to the public, that the public be given notice of these new documents, and that the comment period be extended. He plans to contact me on Monday to tell me the decision made to my request. However, since the answer is currently not known, I would urge everyone wishing to comment to make those comments by June 12. I assume that if the comment period is extended, you would be able to make additional comments later. Also, remember that if you have questions about the Declaration, the conditional

RTI

6/11/2007

TROXELL
ATTACHMENT NO. 5.179

use permit, or the process, you should contact Ron Santos at 714 536-5561 or e-mail rsantos@surfcity-hb.org.

For those of you with the time and interest, I am including a few details about what I have learned and why I think it important that the comment period be extended.

When I attended the Church's neighborhood meeting many months ago, the presentation of plans included an outdoor amphitheater, sound system, and outdoor dining in a central plaza. On June 7 I asked Ron Santos why his negative declaration did not address the noise potential of these outdoor activities. He told me the application from the church did not propose any of these uses. Last night I discovered that my copy of the draft declaration was missing page 2 of attachment 4. I called the Central Library and discovered their copy did not contain attachments 4 and 5 in their entirety. I went to the Planning Department today to get the missing page. I discovered neither their public copy nor the file copy used by Mr. Santos contained that page. Solely by coincidence the plans for the Church happened to be open on the counter. I asked another planner if there were plans for an amphitheater, sound system, or outdoor dining. He turned to page 2 of the plans (this is different that the page 2 I was seeking), and we discovered the church has proposed those uses. I told him I had been informed just yesterday that the negative declaration did not address those uses because they were not in the proposal. The planner I spoke to today said that this information should have been in the document made public. We checked -- it is not in the public version. The Principal Planner then discovered that several other pages were accidentally omitted from the public copies. This is why the public deserves new notice and an extended comment period. But I am concerned this also demonstrates that the initial staff review of the negative declaration and the review by the Environmental Assessment Committee that approved the staff review might be flawed.

RTI

I am going to quote just a few descriptions from one of the missing pages of the plan (page 2):

Building Legend

E. ADMIN./CAFE Full service kitchen with indoor/outdoor seating; Church Offices.

G. TOWER Focal Feature; Shaded play/ Kiosk / Amphitheatre Sound Booth

Landscape/Hardscape Legend

1 VILLAGE GATEWAY Visual / Pedestrian "Front Porch uses:

Cafe/Bookstore/Dining Terrace

2. CHAPEL GARDEN Frames Chapel / Terminal Vista; Wedding Garden/ Gazebo/bamboo Screening

3 TIDAL PLAZA Fellowship Plaza/Amphitheatre; Pop Jet Fountains: Embedded Sculptures, Tidal Focal

4 LITTLE SQUIRTS COURT Soft Play Children's Area visually accessible from Fellowship Plaza

8 CHILDREN'S OUTDOOR PLAY Age appropriate themed Outdoor Play zones.

Item 8 was the only matter Ron Santos thought required noise mitigation (a

7-foot fence on the south side). His report did not find any other use required noise mitigation. His comments made to me indicated he was not even aware of several of these uses.

RTI

JUN 12 2007

June 11, 2007

The Huntington Beach Planning Department:

I have visited your office in order to review the planned additions to the Church property just across the street. I have lived in this home since 1978 and love the location and the surrounding area is still primarily residential.

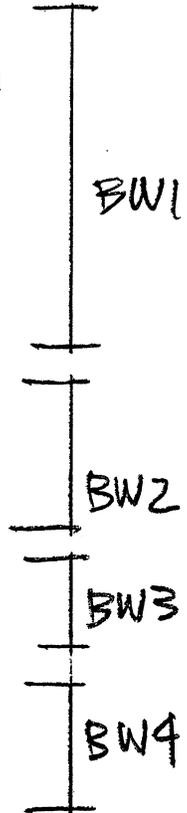
The additional structures that are to be built and the increased square footage of some of the present ones presents a problem for me. This area is still a mostly residential area and it seems to me that if this organization finds it necessary to increase their facilities to this degree, that they should consider going "inland" and finding a piece of property more suited to this expansion.

The loss of the "open space" is problem enough, but the garish colors that they propose are really not acceptable. I rather doubt that even some of the members of the church would condone the bright tasteless hues that these buildings will be painted.

And regardless of the interesting traffic report, a multi level parking structure is bound to impact on our local traffic.

I have walked over to the property across the street and tried to imagine what the "finished product" would look like. And believe me I am quite discouraged with the thought of this change occurring.

Sincerely,
Betty Walker
Betty Walker
1705 Aspenwood Lane
Huntington Beach, CA 92648



Ron Santos
Planning Department
City of Huntington Beach
2000 Main Street
Huntington Beach CA 92648

AUG - 2 2007

July 31, 2007

Dear Mr. Santos,

I am writing to favor my support for all the remodeling plans by First Christian Church. I think the 50 year old property needs a nice modernization and I am in complete agreement with all the plans and support and the new upgrades planned by the church. I look forward to construction.

We bought our home back in 2003 as a new next-door neighbor to FCC. As a homeowner buying next to a large church I expected them to have many cars parked there on Sundays and special events. I expected people to gather there for their purpose, meeting, eat, drink coffee, sell books and make noise. I do not see any of their new plans differing from these expectations.

At our house we do hear the daily bells of Smith School, and all their daily PA announcements. We even hear on quite days the lifeguard's announcements from the pier. We also hear Disneyland's fireworks EVERY night starting at about 9:25 and ending at 9:43. Come to our home one night and listen. I do not expect Disneyland to shut down as they too have been there for 50 years and have improved the economy of Orange County.

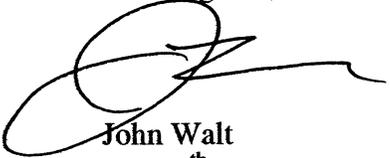
The worse and LOUDEST noise of all is the HBPD's helicopters constantly flying over our house, at all hours of the night, flying very very low, making sleep wakening loud noise. I really want to call the police for the police "disturbing the peace" of the neighborhood at night.

Again I am in favor of all the plans of FCC including the additional parking, the coffee shop and bookstore, the nice esthetically appealing tower and the outside amphitheater with sound system.

Remember they have been there for 50 years and just want to improve their large piece of the neighborhood to make it nicer for all. I expect noise from the church on Sunday with parking and people gathering eating, reading, and talking. That is what I expected when I bought a home near a large church.

If you want to question building permits, how did Smith school just plop down ugly "temporary" class rooms on their property, with very ugly looking air conditioning units and exposed piping, with no permit?

Kind regards,



John Walt
828 14th Street
Huntington Beach CA 92648
(714) 969-2774

ATTACHMENT NO. 5.183



Kimley-Horn
and Associates, Inc.

March 7, 2007

Mr. Art Cueto
Visioneering Studios
5 Peters Canyon Road, Suite 330
Irvine, CA 92623

■
Suite 400
765 The City Drive
Orange, California
92868

Subject: First Christian Church – Huntington Beach Trip Generation Study

Dear Mr. Cueto:

Based on your request, this letter report has been prepared to provide a summary of the estimated traffic to be generated by the proposed renovation and expansion project for the First Christian Church – Huntington Beach. This information will be used to determine if additional traffic analysis, i.e., a Traffic Impact Study will be required for the project.

PROJECT DESCRIPTION

Existing Facilities

First Christian Church, Huntington Beach (FCCHB) is located at 1207 Main Street, on the southwest corner of Main Street and Adams Avenue in the City of Huntington Beach. The Church property consists of a 7.5-acre campus with seven (7) existing buildings and 431 on-site parking spaces. The existing site facilities consist of a total of 55,410 square feet of church, office, classroom, and meeting space. A copy of the existing site plan is provided on **Figure 1**.

The church holds three church services each week – one on Saturday night (6:00 PM), and two on Sunday morning (9:00 and 10:30 AM). Services are presented “live” in the main sanctuary, where a Traditional Service is conducted. Video from the service is piped into the A-Frame Chapel, where a smaller Contemporary Service is conducted, and into the small chapel, where a small Classic Service is held.

The church operates a pre-school on weekdays, with 200 enrolled students. Church office hours are from 8:30 AM to 5:00 PM Monday through Friday, and the church employs 25 full-time employees.

The church sanctuary and assembly facilities are used at times by others for weddings and funerals on weekdays and Saturdays during non-service hours. Functions are not scheduled at times when church services are being conducted, or when other functions are taking place at the church.

■
TEL 714 939 1030
FAX 714 938 9488

ATTACHMENT NO. 6.1



Proposed Project

The proposed master plan of improvements for the campus consists of the following:

1. Demolition of four buildings (Children's Ministry, Youth Ministry, Small Chapel and Church School)
2. Removal of the modular buildings currently used for adult Sunday School classes.
3. Construction of three new buildings (Children's Building, Multi-purpose Building, Administrative/Café Building)
4. Renovation of the A-Frame Chapel
5. Expansion and renovation of the worship center's nursery and bathroom facilities
6. Construction of a tower element to serve as the church's new focal feature
7. Landscape / hardscape improvements designed to create high quality outdoor gathering places, improve pedestrian circulation, and make the church campus more functional and welcoming to church members and visitors alike.
8. Re-striping of the existing parking lot to increase its capacity and improve circulation.
9. Construction of a multi-level parking structure.

Existing and Proposed Square Footage

A copy of the proposed site plan is provided on **Figure 2**. At completion, the site facilities will consist of a total of 73,589 square feet, an increase in square footage of 18,179 square feet.

A summary of the existing and proposed buildings and associated square footages is provided on **Table 1**. Also shown on Table 1 is a brief discussion of the intended uses for each building. As Table 1 indicates, virtually all of the renovated and expanded building space will be used to accommodate functions and activities that already take place at the church. The pre-school enrollment will not increase. No increase of seating capacity for church services is proposed for the main sanctuary or the A-Frame Chapel; in fact, the seating capacity in the A-Frame Chapel will decrease by 65. The small chapel will be demolished. The Classic Service that takes place there currently will be relocated to the A-Framed Chapel and the Contemporary Service will be moved to the large gathering room of the proposed new Multi-Purpose Building.



Existing and Proposed Seating Capacity and Sunday Service Attendance

A summary of the existing and proposed assembly capacity for the church campus is provided on Table 2. Current seating capacity for Sunday services is 1,470. The seating capacity in the sanctuary will remain unchanged at 975. The seating capacity in the A-Frame Chapel will be reduced by 65 seats, from 415 to 350. The Small Chapel (with 80 seats) will be removed. Based strictly on square footage, the assembly capacity of the new Multi-purpose Building will be 438. The building program will result in net increase in assembly capacity of 293 seats, bringing the total number of seats to 1,763 seats during the peak Sunday Service times.

First Christian Church has indicated that they do not expect to experience this much growth in their membership, and will agree to an attendance limit of 1,655 seats during Sunday services, in order to reduce the potential for traffic impact during the peak Sunday morning times.

PROJECT TRIP GENERATION

Trip generation estimates have been prepared to estimate the net change in traffic that will result from the proposed renovation and expansion. Calculations have been prepared for both existing and proposed conditions. The net difference represents the increase in traffic the proposed project is estimated to generate.

Trip generation estimates were developed for the project using the Institute of Transportation Engineers (ITE) Trip Generation Manual (7th Edition), the standard tool for estimating project trip generation. The Trip Generation manual offers trip rates for a church (ITE code 560) based on total square footage of church facilities for weekday, Saturday, and Sunday operations. The manual also offers a trip rate based on number of seats for Saturday and Sunday peak hour operations.

For this exercise, trip generation estimates have been developed for weekday daily and peak hour operations based on total site square footage, and have been developed for daily and peak hour operation on a Sunday based on the maximum allowed number of occupied seats.

Weekday trip generation rates and resulting trip generation based on building square footage are summarized on Table 3. Applying the rates to the entire increase in square footage, the church renovation and expansion project is estimated to generate 165 new daily trips on a typical weekday, with 13 trips in the morning peak hour, and 11 trips in the evening peak hour.



Kimley-Horn
and Associates, Inc.

Mr. Art Cueto, March 7, 2007, Page 4

Sunday peak hour trip generation rates and resulting trip generation based on occupied seats are summarized on **Table 4**. Applying the per-seat rate to the increase in attendance, assuming a limit of 1,655, the project is estimated to generate 283 new trips on a Sunday, with 60 inbound and 55 outbound trips in the Sunday peak hour.

Based on this analysis, we feel that a traffic impact analysis would not be needed for the First Christian Church renovation and expansion program. Please feel free to contact me if you have any questions, or if you need additional information.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in cursive script that reads "Serine Ciandella".

Serine Ciandella, AICP
Vice President

ATTACHMENT NO. 6.4

**TABLE 1
FIRST CHRISTIAN CHURCH - HUNTINGTON BEACH
SUMMARY OF EXISTING AND PROPOSED BUILDING PROGRAM SQUARE FOOTAGE**

	Building	Existing	New	Net	Notes
		Size (SF) Gross *	Size (SF) Gross *	Size (SF) Gross *	
A and F	Worship Center	25,500	26,572	1,072	No changes proposed to main sanctuary or downstairs meeting room. Adult Sunday School classes to be relocated into Worship Center. Nursery expansion and renovation - 1,072 SF.
B	Children's Building	14,760	17,411	2,651	New Children's building will have the same number of classrooms (three new large gathering rooms) used for Sunday School and Preschool classes and large groups as the existing Children's Buildings, which will be demolished.
C	Multi-purpose	-	10,268	10,268	New building will accommodate existing group activities. Contemporary worship service and High School gathering to be relocated to Multi-purpose Building from existing A-Frame Chapel, which will be renovated. Jr. High Sunday School Class to be relocated from modular classrooms, which will be demolished.
D	Large A-Frame Chapel	6,600	5,717	(883)	Renovated Chapel will house Classic worship service, Weddings, and Funerals. Contemporary worship service to be relocated to new Multi Purpose Building.
E	Administration	-	13,621	13,621	Administrative offices and kitchen to be relocated from Worship Center. Café and resource center to be added.
X	Youth	3,850	-	(3,850)	Youth building to be demolished. Large group ("Tek House") to be relocated into the new Children's Building.
X	Modular Buildings	3,000	-	(3,000)	Modular buildings to be demolished. Jr. High Sunday School class and Adult Sunday School to take place in the new Multi-purpose building's small gathering room.
X	Small Chapel	1,700	-	(1,700)	Small chapel to be demolished. Classic worship service to be relocated to the large A-Frame chapel
	Total	55,470	73,589	18,179	

Notes:
 * Gross building size reflect total building size.
 A = New Building Label
 X = Building to be demolished

TABLE 2
FIRST CHRISTIAN CHURCH - HUNTINGTON BEACH
SUMMARY OF EXISTING AND PROPOSED BUILDING ASSEMBLY CAPACITIES
(Sunday Service Assembly)

Building	Existing		New		Net Difference	
	Assembly Capacity		Assembly Capacity		Assembly Capacity	
	Adults	Children	Adults	Children	Adults	Children
A	<i>Worship Center</i>					
	Sanctuary	975		975	-	-
	Lower Level Gathering Room				-	-
	Administration				-	-
F	Nursery		110	140	-	30
B	<i>Children's Building</i>					
	Classrooms		120	120	-	-
	Large Gathering Rooms		175	300		125
C	<i>Multi-purpose Building</i>					
	Large Gathering Room			438	438	-
	Small Gathering Room				95	95
	Loft				60	60
D	<i>Large A-Frame Chapel</i>	415	-	350	(65)	-
E	<i>Administration</i>					
	Café	-			-	-
X	<i>Youth</i>		275		-	(275)
X	<i>Modular Buildings</i>					
	Large Classroom		49		-	(49)
	Small Classrooms		60		-	(60)
X	<i>Small Chapel</i>	80			(80)	-
	Total Assembly Capacity	1,470	789	1,763	293	(74)

Notes:

Capacities on existing buildings are based on number of fixed seats or posted room capacities.

Capacities on new Children's Building, Multi-purpose Building, and Café are estimated based on the room's net SF.

A = New Building Label

X = Building to be demolished

Table 3
Summary of Weekday Project Trip Generation
Based on Trip Generation Rates per Thousand Square Feet (KSF)

Land Use	ITE Code	Unit	Quant.	Trip Generation Rates						Project Trip Generation							
				AM Peak		PM Peak		Daily	AM Peak		PM Peak		Daily	AM Peak		PM Peak	
				In	Out	In	Out		In	Out	In	Out		In	Out		
Existing Church																	
Church	560	KSF	55.410	9.11	0.39	0.33	0.34	0.32	505	22	18	19	18				
Proposed Church																	
Church	560	KSF	73.589	9.11	0.39	0.33	0.34	0.32	670	29	24	25	23				
									Net Increase	165	7	6	6	5			

Source: Institute of Transportation Engineers (ITE) Trip Generation (7th Edition)

Land Use	ITE Code	Unit	Quant.	Trip Generation Rates			Project Trip Generation			
				Daily	Sunday Peak		Daily	Sunday Peak		
					In	Out		In	Out	
Existing Church										
Church	560	KSF	1,470	1.53	0.33	0.30	2,249	482	445	
Proposed Church										
Church ¹	560	KSF	1,655	1.53	0.328	0.302	2,532	542	500	
Total Net Increase in Traffic Generation for Proposed Church							283	60	55	

Source: Institute of Transportation Engineers (ITE) Trip Generation (7th Edition)

■
EXTERIOR NOISE ANALYSIS REPORT

FIRST CHRISTIAN CHURCH

Huntington Beach, CA

April 23, 2007

Revised May 1, 2007

Prepared for:

Visioneering Studios

5 Peters Canyon Road, Suite 330

Irvine, CA 92623

Prepared by:

Kimley-Horn and Associates, Inc.

517 4th Avenue, Suite 301

San Diego, CA 92101



Kimley-Horn
and Associates, Inc.

City of Huntington Beach

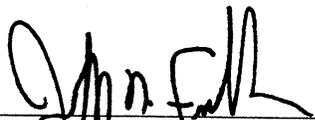
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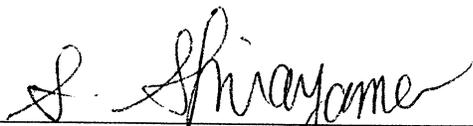
EXTERIOR NOISE ANALYSIS REPORT

FIRST CHRISTIAN CHURCH

Huntington Beach, CA



Jeffrey D. Fuller, INCE, REHS
Senior Project Manager



Susumu Shirayama
Project Acoustical Analyst

Prepared for:
Vioneering Studios
5 Peters Canyon Road, Suite 330
Irvine, CA 92623

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Figure 3	Site Plan
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Appendices

Appendix A	Roadway Noise Calculations
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SECTION 1 INTRODUCTION

This report estimates potential noise impacts associated with the improvements of First Christian Church in Huntington Beach, California (Figure 1). First Christian Church is located at 1207 Main Street, on the southwest corner of Main Street and Adams Avenue in the City of Huntington Beach (City). The Church property consists of a 7.5-acre campus with seven (7) existing buildings and 431 on-site parking spaces. The existing site facilities consist of a total of 55,410 square feet of church, office, classroom, and meeting space. Aerial photography is presented on Figure 2.

The primary noise source affecting the project site is vehicular traffic on 17th Street, Adams Avenue, and Main Street. At the proposed exterior usable areas, future exterior noise levels from vehicle traffic would be less than 60 dBA Ldn, in compliance with the City's exterior noise standards.

1.1 MITIGATION

To minimize annoyance from construction noise, the construction contractor should be required to comply with all provisions of the City's Municipal Code (Section 8.40.090(d)).

Hourly sound levels from the two children play areas would be approximately 58 to 60 dBA Leq at the adjacent property line and exceed the City's 55 dBA sound level limit. Seven-foot high noise barriers will be required adjacent to the play areas.

The methodology and findings of this analysis are discussed in the following pages.

1.2 NOISE BACKGROUND

Noise is generally defined as loud, unpleasant, unexpected, or undesired sound that is typically associated with human activity and that interferes with or disrupts normal activities. The human environment is characterized by a certain consistent noise level which varies by location and is termed ambient noise. Although exposure to high noise levels has been demonstrated to cause hearing loss, the principal human response to environmental noise is annoyance. The response of individuals to similar noise events is diverse and influenced by the type of noise, perceived importance of the noise and its appropriateness in the setting, time of day and type of activity during which the noise occurs, and sensitivity of the individual.

Sound is a physical phenomenon consisting of minute vibrations that travel through a medium, such as air, and are sensed by the human ear. Sound is generally characterized by several variables, including frequency and intensity. Frequency describes the sound's pitch and is measured in cycles per second, or hertz (Hz), whereas intensity describes the sound's loudness and is measured in decibels (dB). Decibels are measured using a logarithmic scale. A sound level of 0 dB is approximately the threshold of human hearing. Normal speech has a sound level of approximately 60 dB. Sound levels above about 120 dB begin to be felt inside the human ear as discomfort and eventually as pain at still higher levels. The minimum change in the sound level of individual events that an average human ear can detect is about 3 dB. The average person perceives a change in sound level of about 10 dB as a doubling (or halving) of the

sound's loudness; this relation holds true for sounds of any loudness. Sound levels of typical noise sources and environments are provided in Table 1.

Because of the logarithmic nature of the decibel unit, sound levels cannot be added or subtracted directly and are somewhat cumbersome to handle mathematically. A simple rule is useful, however, in dealing with sound levels. If a sound's intensity is doubled, the sound level increases by 3 dB, regardless of the initial sound level. Thus, for example, $60 \text{ dB} + 60 \text{ dB} = 63 \text{ dB}$, and $80 \text{ dB} + 80 \text{ dB} = 83 \text{ dB}$.

The normal human ear can detect sounds that range in frequency from about 20 Hz to 20,000 Hz. However, all sounds in this wide range of frequencies are not heard equally well by the human ear, which is most sensitive to frequencies in the range of 1,000 Hz to 4,000 Hz. This frequency dependence can be taken into account by applying a correction to each frequency range to approximate the human ear's sensitivity within each range. This is called A-weighting and is commonly used in measurements of community environmental noise. The A-weighted sound pressure level (abbreviated as dBA) is the sound level with the "A-weighting" frequency correction. In practice, the level of a noise source is conveniently measured using a sound level meter that includes a filter corresponding to the dBA curve.

Because community noise fluctuates over time, a single measure called the Equivalent Sound Level (L_{eq}) is often used to describe the time-varying character of community noise. The L_{eq} is the energy-averaged A-weighted sound level during a measured time interval. It is equal to the level of continuous steady sound containing the same total acoustical energy over the averaging time period as the actual time-varying sound. Additionally, it is often desirable to know the acoustic range of the noise source being measured. This is accomplished through the L_{max} and L_{min} indicators, which represent the root-mean-square maximum and minimum noise levels obtained during the measurement interval. The L_{min} value obtained for a particular monitoring location is often called the "acoustic floor" for that location.

To describe the time-varying character of environmental noise, the statistical noise descriptors L_{10} , L_{50} , and L_{90} are commonly used. They are the noise levels equaled or exceeded during 10, 50, and 90 percent of a stated time, respectively. Sound levels associated with L_{10} typically describe transient or short-term events, whereas levels associated with L_{90} describe the steady-state (or most prevalent) noise conditions.

Another sound measure known as the Day-Night Average Sound Level (L_{dn}) is an adjusted average A-weighted sound level for a 24-hour day. It is calculated by adding a 10 dB adjustment to sound levels during nighttime hours (10:00 p.m. to 7:00 a.m.). This adjustment compensates for the increased sensitivity to noise during the typically quieter nighttime hours. The L_{dn} is used by the City to evaluate land-use compatibility with regard to noise.

SECTION 2 APPLICABLE NOISE STANDARDS

2.1 CITY OF HUNTINGTON BEACH NOISE ELEMENT

The Noise Element of the City of Huntington Beach General Plan has established exterior and interior noise requirements for "noise sensitive areas." The policy requires in areas where noise levels exceed an exterior Ldn of 60 dB(A) and an interior Ldn of 45 dB(A), that all new development of "noise sensitive" land uses, such as housing, health care facilities, schools, libraries, and religious facilities, include appropriate buffering and/or construction mitigation measures that would reduce noise exposure to levels within acceptable limits.

2.2 CITY OF HUNTINGTON BEACH MUNICIPAL CODE

The City Noise Ordinance, Section 8.40.050: Exterior Noise Standards states:

- (a) The following noise standards, unless otherwise specifically indicated, shall apply to all residential property within a designated noise zone:

Exterior Noise Standards		
Noise Zone	Noise Level	Time Period
1	55 db(A)	7 a.m. – 10 p.m.
	50 db(A)	10 p.m. – 7 a.m.
2	55 db(A)	Anytime
3	60 db(A)	Anytime
4	70 db(A)	Anytime

Note:
Noise Zone 1: All residential properties
Noise Zone 2: All professional office and public institutional properties
Noise Zone 3: All commercial properties with the exception of professional office properties
Noise Zone 4: All industrial properties

The City Noise Ordinance, Section 8.40.090, Special Provisions states that the following activities shall be exempt from the provisions of this chapter:

- (d) Noise sources associated with construction, repair, remodeling, or grading of any real property; provided a permit has been obtained from the City; and provided said activities do not take place between the hours of 8 p.m. and 7 a.m. on weekends, including Saturday, or at any time on Sunday or a federal holiday.

SECTION 3 EXISTING NOISE ENVIRONMENT

First Christian Church is located at 1207 Main Street, on the southwest corner of Main Street and Adams Avenue. The Church property consists of a 7.5-acre campus with seven (7) existing buildings and 431 on-site parking spaces. The existing site facilities consist of a total of 55,410 square feet of church, office, classroom, and meeting space. Aerial photography is presented on Figure 2.

The church holds three church services each week – one on Saturday night (6:00 p.m.), and two on Sunday morning (9:00 and 10:30 a.m.). Services are presented “live” in the main sanctuary, where a Traditional Service is conducted. The audio and video from the service is piped into the A-Frame Chapel, where a contemporary service is held, and to the existing small chapel where a traditional service is held.

The church operates a pre-school on weekdays, with 200 enrolled students. Church office hours are from 8:30 a.m. to 5:00 p.m., Monday through Friday, and the church employs 25 full-time employees.

The church sanctuary and assembly facilities are used at times by others for weddings and funerals on weekdays and Saturdays during non-service hours. Functions are not scheduled at times when church services are being conducted, or when other functions are taking place at the church.

First Christian Church is located within a portion of the City dominated by residential land uses. Single family homes are located west of 17th Street, north of Adams Avenue, east of Main Street, and along San Nicolas Circle south of the site. Worthy Park is located directly north of the intersection of Adams Avenue and 17th Street from the project site. Agnes L. Smith Elementary School is located adjacent to and south of the project site.

3.1 SOUND LEVEL MEASUREMENTS

Four 30-minute sound level measurements were conducted at the project site during the morning peak traffic period to quantify the existing onsite acoustical environment due to vehicle traffic (Wednesday, January 10, 2007 from 7:00 a.m. to 9:00 a.m.). A Larson Davis Model 820 American National Standards Institute (ANSI) Type 1 Integrating Sound Level Meter was used as the data-collection device. The meter was mounted to a tripod roughly 5 feet above ground to simulate the average height of the human ear. The sound level meter was calibrated before and after the measurement periods.

The measurement results are summarized in Table 2 and correspond to the locations depicted on Figure 2. A review of the table shows that the measured sound level was 64.3 dBA Leq at Measurement Location 1 (ML1), 66.1 dBA Leq at ML2, 70.5 dBA Leq at ML3, and 55.3 dBA Leq at ML4.

3.2 VEHICULAR TRAFFIC

The primary existing noise source affecting the project site is vehicular traffic on 17th Street, Adams Avenue, and Main Street. All other roadways in the project vicinity contribute a negligible noise impact due to distance and intervening structures/terrain.

The existing Average Daily Traffic (ADT) volume is approximately 9,000 vehicles for 17th Street, 4,800 vehicles for Adams Avenue, and 8,000 vehicles for Main Street (City of Huntington Beach 2007). The posted speed limits are 35 miles per hour (mph) for 17th Street and Main Street, and 25 mph for Adams Avenue. However, based on field observations, all vehicles traveling on 17th Street and Main Street were estimated to be approximately 40 mph. The following traffic mix was observed during the sound level measurements: 2% medium trucks (MT) / 1% heavy trucks (HT) on 17th Street, 3% MT / 1% HT on Adams Avenue, and 4% MT / 1% HT on Main Street.

SECTION 4 NOISE ASSESSMENT

4.1 PROJECT DESCRIPTION

The proposed master plan of improvements consists of the following:

1. Demolition of four existing buildings (Church School, Children's Ministry, Youth Ministry, and Small Chapel), and the Large Chapel's existing restroom facilities;
2. Removal of the existing modular structures currently used for adult Sunday School classes;
3. Construction of three new buildings (Children's Building, Multipurpose Building, Administrative/Café Building);
4. Renovation of existing A-Framed Chapel;
5. Expansion and renovation of the worship center's nursery and bathroom facilities;
6. Construction of a new tower to serve as the church's new focal feature;
7. Landscape/Hardscape Improvements designed to create high quality outdoor gathering places, improve pedestrian circulation, and make the church campus more functional and welcoming to church members and visitors alike;
8. Re striping of existing parking lot in order to increase its capacity and improve circulation; and
9. Construction of a multi-level parking structure.

Figure 3 shows the proposed site plan. At completion, the site facilities would consist of a total of 73,589 square feet, an increase in square footage of 18,179 square feet.

Potential sources of noise assessed in this report include vehicular traffic, construction and demolition, the children play areas, outdoor amplified music, and the parking structure. No other significant sources of noise are anticipated.

4.2 VEHICULAR TRAFFIC

Noise from vehicular traffic on 17th Street, Adams Avenue, and Main Street would continue to affect the project site in the future. A 1% annual average growth rate was applied to the existing (2005) ADT to obtain the future (2030) ADT volumes (City of Huntington Beach 2007). Using this growth rate, the future ADT volumes would be approximately 11,542 vehicles for 17th Street, 6,156 vehicles for Adams Avenue, and 10,259 vehicles for Main Street.

The Federal Highway Administration (FHWA) Traffic Noise Model (TNM) version 2.5 was used to calculate future traffic noise levels at the onsite receptors. The modeling effort considered roadway alignments, estimated average vehicle speed, peak-hour traffic volume, and vehicle mix. The model was calibrated using actual traffic counts and sound level measurements. Measured sound levels at ML1 and ML4 varied from modeled sound levels by less than 2 dBA. At ML3, the measured sound level was 2 dBA higher than the modeled sound level due to the congestion at the stop sign at Adams Avenue, caused by student pick-up. Future vehicular traffic calculations are summarized in Appendix A. All current roadway parameters were assumed to remain constant in the future, and were modeled accordingly. The peak-hour traffic volume was assumed to be 10 percent of the ADT on each roadway. The default ground type used in the model was "hard soil."

Calculations show that future exterior noise levels would be approximately 57 dBA Ldn at the Tidal Plaza, 44 dBA Ldn at the Little Squirts Court, 48 dBA Ldn at the Prayer Garden, 52 dBA Ldn at the Children's Outdoor Play area between Buildings B and C, and 54 dBA Ldn at the Children's Outdoor Play area west of Building B. Refer to Figure 3 and Table 3 for more details.

4.3 PROJECT-GENERATED TRAFFIC

The Trip Generation Study (Kimley-Horn and Associates, Inc. 2007) estimates that implementation of the project would increase the daily ADT from 505 vehicles to 670 vehicles (a 1.2 dBA Ldn increase) and would increase the Sunday ADT from 2,249 vehicles to 2,820 vehicles (a 1.0 dBA Ldn increase). Sound level variations of less than 3 dBA are not detectable by the average human ear. Therefore, the project-generated traffic noise level increase is considered not significant.

4.4 CONSTRUCTION / DEMOLITION

Construction and demolition activities at the proposed site would result in a short-term, temporary increase in the ambient noise level. The increase in noise level would be primarily experienced close to the noise source. The magnitude of the impact would depend on the type of construction activity, noise level generated by various pieces of construction equipment, duration of the construction phase, and distance between the noise source and receiver. Sound levels of typical construction equipment range from approximately 65 dBA to 95 dBA at 50 feet from the source (U.S. Environmental Protection Agency [U.S. EPA] 1971).

Construction activity and delivery of construction materials and equipment would be limited to the hours between 7:00 a.m. and 8:00 p.m., Monday through Saturday. A construction phasing plan has not been developed at this time; therefore, only a general estimate of construction noise levels can be provided. The site is currently developed and is relatively flat and would not require significant grading. Therefore, the primary noise from project construction would be from demolition, concrete trucks, loaders, and miscellaneous trucks and power tools used for building construction. The construction contractor would be required to comply with the City's Municipal Code.

4.5 CHILDREN PLAY AREA

An outdoor children play area would be located on the east and west side of the Children's Building. It is expected that up to 35 children will use each play area at one time during the daytime hours. The number and distribution of children were provided by Visioneering Studios.

The Cadna/A Noise Prediction Model was used to estimate the hourly sound level from children playing at the project property line. The model uses industry-accepted propagation algorithms and accepts sound power levels (in decibels re: 1 pico Watt) based on ISO 9613-2 standards. ISO 9613-2 is an internationally recognized standard that establishes a method for calculating the attenuation of sound during propagation outdoors, in order to predict the levels of environmental noise at a distance from a variety of sources. The method predicts the equivalent continuous A-weighted sound pressure level.

Noise from the children playing was modeled as an area source in the analysis. The sound power level of the activity of one child in a recreational area was assumed to be 87 dBA (Probst 1994). Based on this

measurement, calculations were performed to estimate a source level for the maximum number of children allowed in each recreation area at any one time ($LW = (87 + 10 \cdot \log(N))$ dBA), where N = number of children. This estimate is a worst-case scenario, grouping all children into one large group in a recreation area for a one-hour period.

The project site configuration was imported into Cadna/A from the project CAD files. Because of the uncertainty associated with any computer model, the site operating parameters were designed to evaluate a worst-case condition. The results show that the hourly sound level would be approximately 58 to 60 dBA Leq at the adjacent property line and exceed the City's 55 dBA sound level limit.

4.6 MISCELLANEOUS ACTIVITIES

Weddings, church services, meetings and daycare would be held within the various buildings. There will be no outdoor amplified music; however, there would be a localized speakers system that provides low volume background music. Although a detailed plan showing the location of the speakers is not available, the speakers will be calibrated to emit 70 dBA or less at 3 feet from any speaker. The resultant sound levels would be less than 50 dBA at any project property line and comply with the City's noise ordinance requirements

4.7 PARKING STRUCTURE

The proposed parking structure (#10 on Figure 3) would be built on the existing parking lot north of Agnes L. Smith Elementary School and west of existing residences. The structure would include three levels of parking, including the roof level.

Noise from parking structures typically consists of vehicles arriving and departing, vehicle movement within the parking structure, wheel squeal, car alarms, opening and closing of car doors, and peoples' voices. Quantification of parking structure noise is difficult to predict due to many variables. Variation in sound levels would depend on such factors as parking structure design and the number of vehicles moving through the structure at any given time. According to International Parking Design, the parking structure would not require mechanical ventilation to meet code (Visioneering Studios, 2007); therefore, no mechanical ventilation noise would occur.

The closest noise-sensitive area to the parking structure would be the residences to the east. In order to minimize noise generated from the parking structure, the east façade would be constructed of solid concrete. This would reduce noise generated by the parking structure to levels similar to the current condition.

SECTION 5 MITIGATION

5.1 VEHICULAR TRAFFIC

Future exterior traffic noise levels at exterior usable spaces would be in compliance with the City's Noise Element of the General Plan. No mitigation is required.

5.2 CONSTRUCTION

To minimize unnecessary annoyance from construction noise, the construction contractor should be required to comply with all provisions of the City's Municipal Code (Section 8.40.090(d)).

5.3 CHILDREN PLAY AREA

Acoustical calculations were performed using Cadna/A to estimate the height of a noise barrier that would be required to reduce noise from the children outdoor play area to 55 dBA Leq or below. The play area west of Building B has a 6-foot high noise barrier planned along the site perimeter. Calculations show that the barrier height must be increased 7-foot. A 7-foot high noise barrier will also be required at the children play area between buildings B and C. Figure 4 shows the location, height, and length of the proposed barriers. The barrier must be solid construction without holes or gaps, and have a minimum mass of 3.5 pounds per square foot. Materials such as masonry would satisfy this requirement.

SECTION 6 REFERENCES

City of Huntington Beach. 2007. Telephone Conversation with Bob Stachelski (City's Transportation Manager) regarding 2005 ADT and Annual Average Growth Rate.

Federal Highway Administration (FHWA). 1978. FHWA Highway Traffic Noise Prediction Model, Federal Highway Administration Report FHWA-RD-77-108.

Harris, Cyril M. 1998. Handbook of Acoustical Measurements and Noise Control, Third Edition. Acoustical Society of America. Woodbury, NY.

International Organization for Standardization (ISO). 1996a. ISO 1996/1. Acoustics – Description and Measurement of Environmental Noise – Part 1: Basic Quantities and Procedures.

1996b. ISO 1996-2. Acoustics – Description and Measurement of Environmental Noise – Part 2: Acquisition of Data Pertinent to Land Use.

1996c. ISO 1996-3. Acoustics – Description and Measurement of Environmental Noise – Part 3: Application to Noise Limits.

Kimley-Horn and Associates, Inc. 2007. First Christian Church – Huntington Beach Trip Generation Study. January 5.

Visioneering Studios. 2006. Project Description, Site Plan. August 11.

Visioneering Studios. 2007. Email Confirmation that Mechanical Ventilation is not required for Marking Structure per International Parking Design, April 27.

Table 1
Sound Levels of Typical Noise Sources and Noise Environments

Noise Source (at Given Distance)	Noise Environment	A-Weighted Sound Level	Human Judgment of Noise Loudness (Relative to Reference Loudness of 70 Decibels*)
Military Jet Takeoff with Afterburner (50 ft)	Carrier Flight Deck	140 Decibels	128 times as loud
Civil Defense Siren (100 ft)		130	64 times as loud
Commercial Jet Take-off (200 ft)		120	32 times as loud Threshold of Pain
Pile Driver (50 ft)	Rock Music Concert Inside Subway Station (New York)	110	16 times as loud
Ambulance Siren (100 ft) Newspaper Press (5 ft) Gas Lawn Mower (3 ft)		100	8 times as loud Very Loud
Food Blender (3 ft) Propeller Plane Flyover (1,000 ft) Diesel Truck (150 ft)	Boiler Room Printing Press Plant	90	4 times as loud
Garbage Disposal (3 ft)	Noisy Urban Daytime	80	2 times as loud
Passenger Car, 65 mph (25 ft) Living Room Stereo (15 ft) Vacuum Cleaner (10 ft)	Commercial Areas	70	Reference Loudness Moderately Loud
Normal Speech (5 ft) Air Conditioning Unit (100 ft)	Data Processing Center Department Store	60	1/2 as loud
Light Traffic (100 ft)	Large Business Office Quiet Urban Daytime	50	1/4 as loud
Bird Calls (distant)	Quiet Urban Nighttime	40	1/8 as loud Quiet
Soft Whisper (5 ft)	Library and Bedroom at Night Quiet Rural Nighttime	30	1/16 as loud
	Broadcast and Recording Studio	20	1/32 as loud Just Audible
		0	1/64 as loud Threshold of Hearing

Source: Compiled by Kimley-Horn and Associates, Inc.

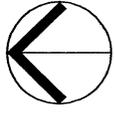
Table 2
Sound Level Measurements (dBA)

ID	Location	Time	Leq	Lmin	Lmax	L10	L50	L90	Cars	MT	HT
ML1	Adams Avenue, West of Shipley Street	7:00-7:30	64.3	47.6	77.0	68.7	58.9	51.4	141	3	1
ML2	Main Street, North of Loma Avenue	7:30-8:00	66.1	49.3	80.2	70.2	62.6	55.1	236	10	1
ML3	17th Street, North of Veering Circle	8:00-8:30	70.5	54.6	84.6	73.1	68.7	63.6	483	10	3
ML4	South End Property Line, Adjacent to School	8:30-9:00	55.3	49.5	66.0	57.6	54.2	51.9	296	4	3

Table 3
Future Exterior Traffic Noise Levels (dBA Ldn)

Location	Noise Level
Tidal Plaza	49-56
Little Squirts Court	43
Prayer Garden	48
Children's Outdoor Play (Between Buildings B and C)	43-52
Children's Outdoor Play (West of Building B)	50-54

First Christian Church of Huntington Beach



Not to Scale

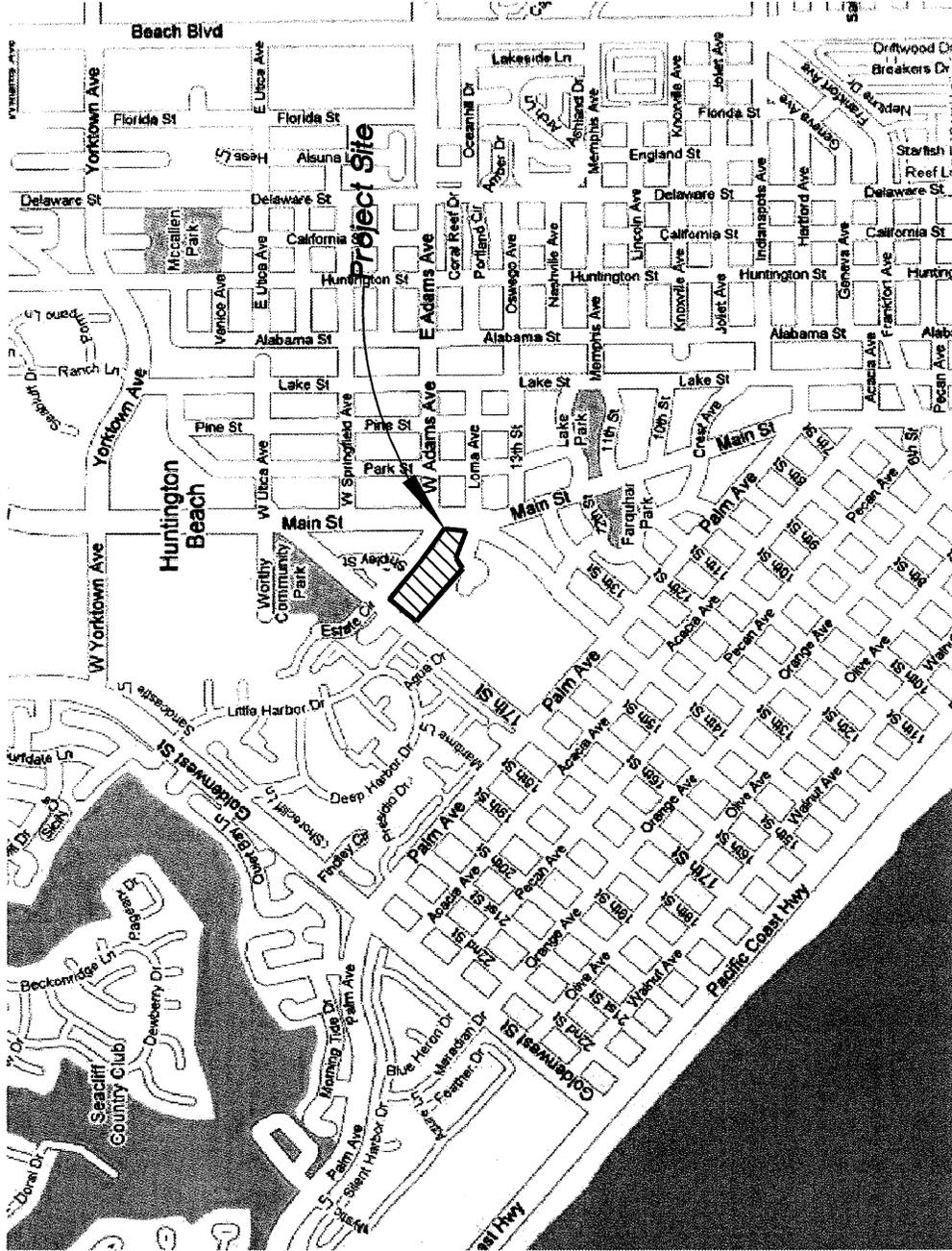
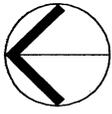


Figure 1

Vicinity Map

First Christian Church of Huntington Beach



Not to Scale

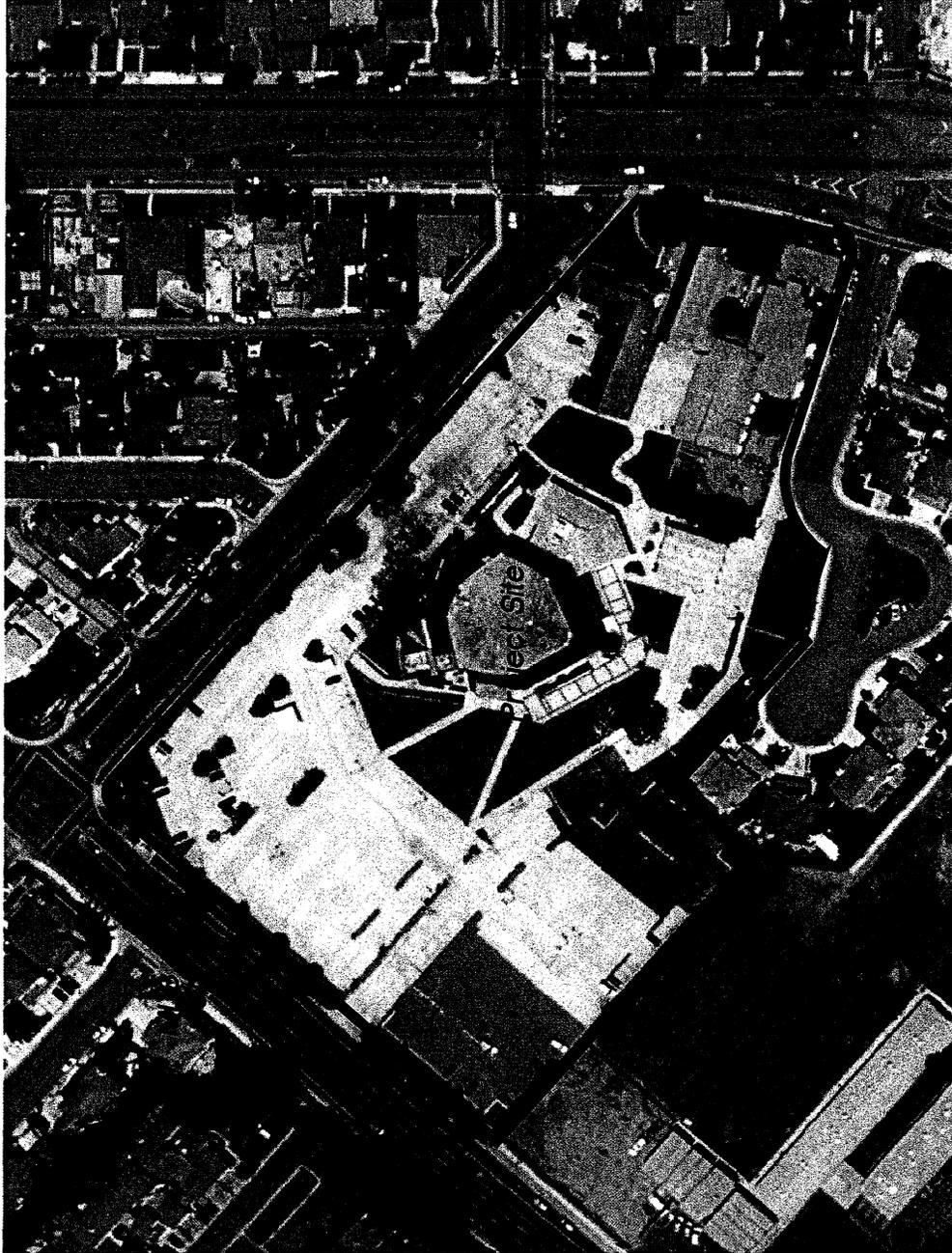


Figure 2

Sound Level Measurement Locations



First Christian Church of Huntington Beach

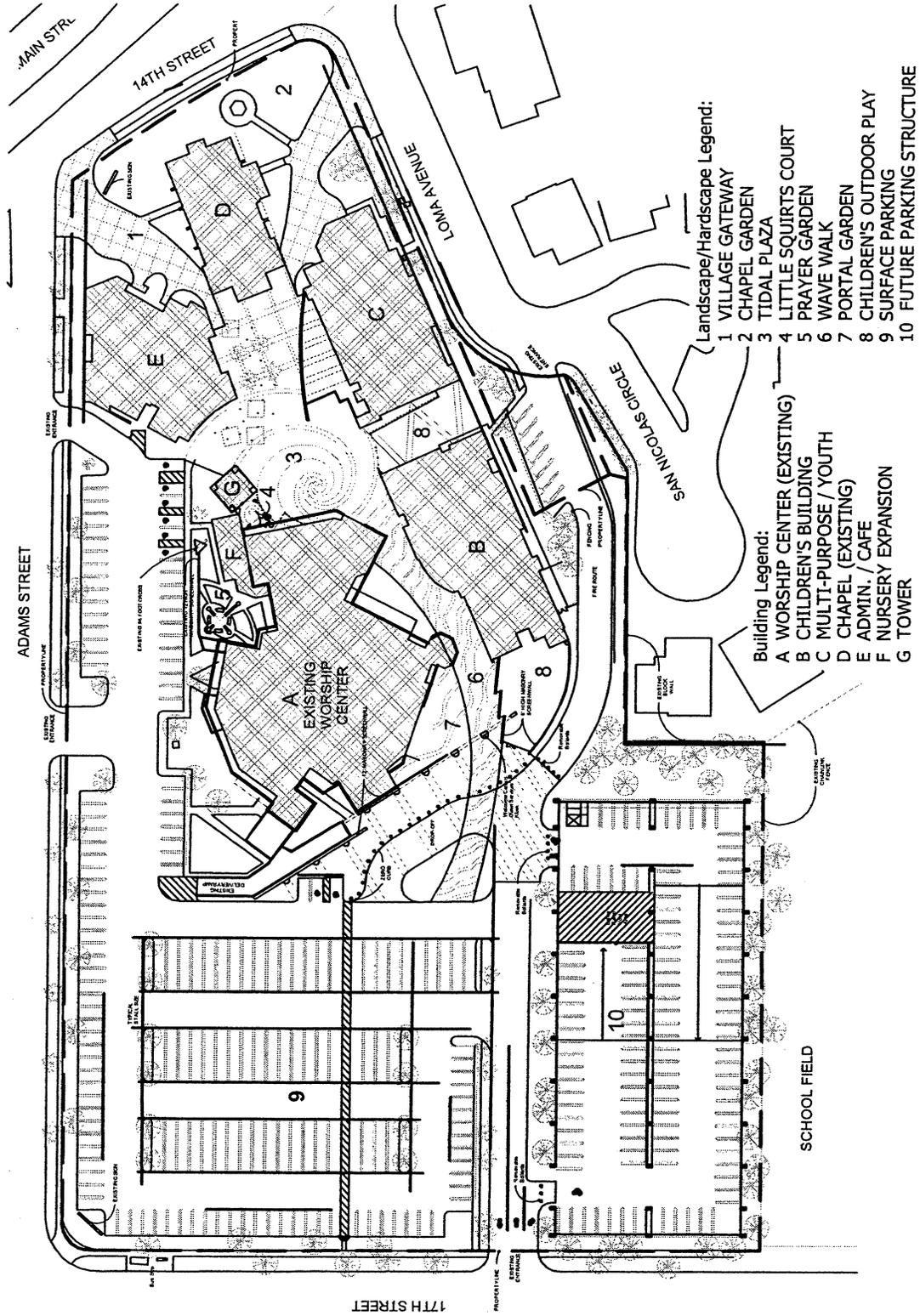
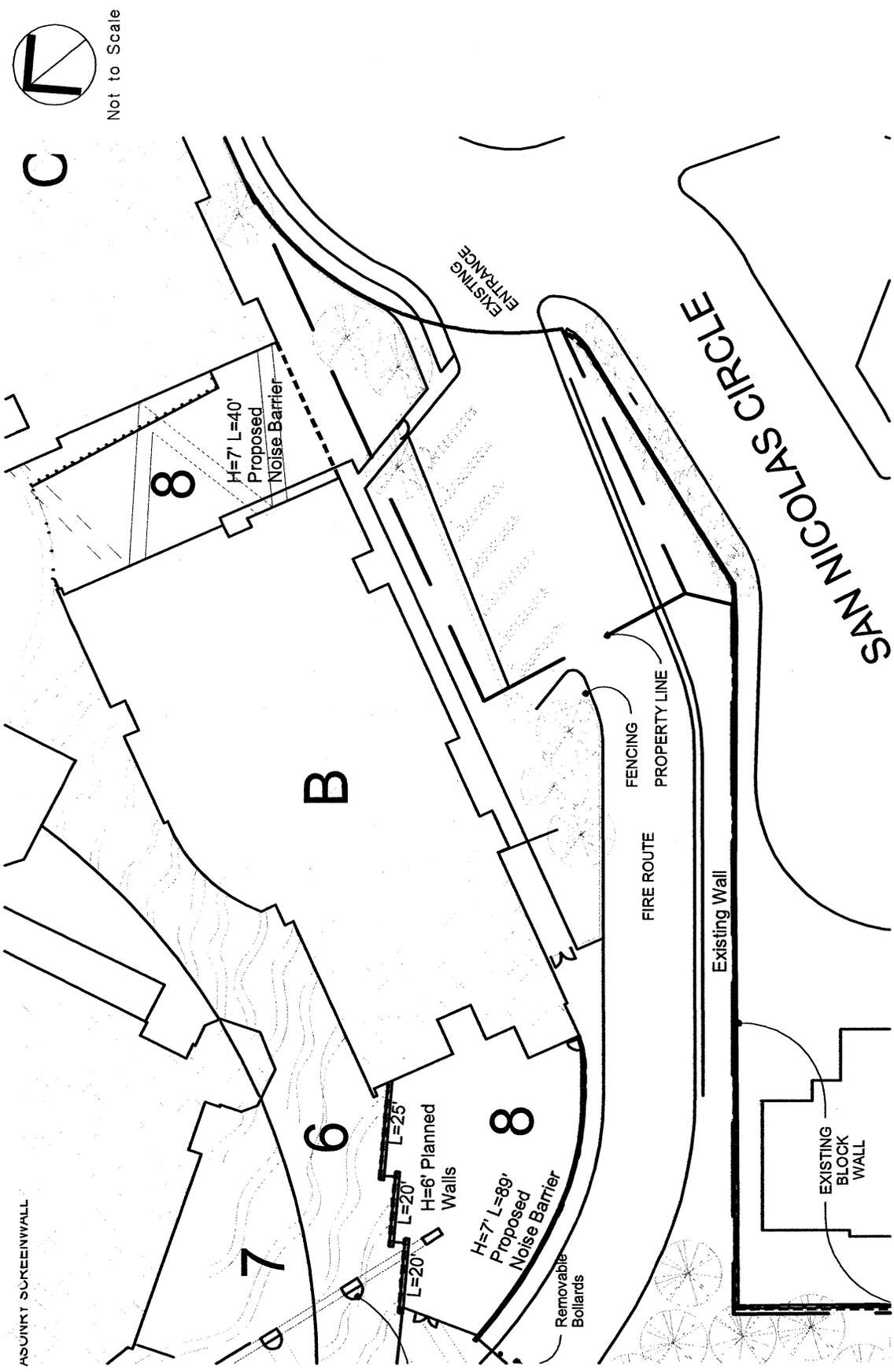


Figure 3
Site Plan



First Christian Church of Huntington Beach



K:\ENoise\B094520000DCAD\Fig4 Barrier Locations.dwg 4-23-07-11:41 AM

Figure 4
Barrier Locations

INPUT: ROADWAYS

Huntington Beach First Christian Church

Kimley-Horn and Associates, Inc.
S. Shirayama

8 February 2007
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Huntington Beach First Christian Church
RUN: Calibration

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement)			Flow Control		Segment			
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
17th NB-1	25.0	point13	13	-378.2	-1,141.6	0.00				Average		
		point12	12	185.8	-602.2	0.00				Average		
		point11	11	636.1	10.0	0.00						
		point48	48	1,425.5	-1,347.6	0.00					Average	
		point47	47	1,369.3	-1,174.4	0.00					Average	
Main NB-1	12.0	point46	46	1,322.7	-1,019.6	0.00					Average	
		point45	45	1,314.8	-973.4	0.00					Average	
		point44	44	1,308.6	-910.2	0.00					Average	
		point43	43	1,312.1	-831.9	0.00					Average	
		point42	42	1,323.5	-760.9	0.00					Average	
		point41	41	1,326.7	-718.9	0.00					Average	
		point40	40	1,326.3	-472.8	0.00					Average	
		point106	106	1,412.6	-396.2	0.00	Signal	0.00	65		Average	
		point33	33	1,362.0	-396.5	0.00					Average	
		point32	32	1,326.2	-396.3	0.00					Average	
17th SB-2	25.0	point31	31	1,264.7	-396.0	0.00					Average	
		point30	30	1,192.3	-395.7	0.00					Average	
		point29	29	698.9	29.4	0.00						
		point111	111	669.0	86.9	0.00	Stop	0.00	100		Average	
		point4	4	649.4	64.5	0.00					Average	
		point3	3	637.4	50.7	0.00					Average	
		point2	2	208.2	-436.3	0.00					Average	
Adams EB-2	12.0	point1	1	-394.7	-1,120.4	0.00						
		point113	113	604.4	83.8	0.00	Stop	0.00	100		Average	
		point107	107	637.4	50.7	0.00					Average	

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INPUT: ROADWAYS

Huntington Beach First Christian Church

			point21	21	656.2	31.8	0.00			Average
			point20	20	680.9	7.1	0.00			Average
			point19	19	1,164.7	-410.8	0.00			Average
			point18	18	1,212.8	-414.7	0.00			
Main SB-2	12.0		point115	115	1,264.3	-325.3	0.00	Signal	35	Average
			point57	57	1,264.3	-375.4	0.00			Average
			point56	56	1,264.7	-396.0	0.00			Average
			point55	55	1,265.0	-414.7	0.00			Average
			point54	54	1,266.5	-494.2	0.00			Average
			point53	53	1,266.5	-745.8	0.00			Average
			point52	52	1,266.5	-764.4	0.00			Average
			point51	51	1,266.5	-828.4	0.00			Average
			point50	50	1,278.6	-933.6	0.00			Average
			point49	49	1,410.8	-1,349.0	0.00			Average

INPUT: TRAFFIC FOR LAeq1h Volumes

Kimley-Horn and Associates, Inc.
S.Shirayama

8 February 2007
TNM 2.5

Huntington Beach First Christian Church

INPUT: TRAFFIC FOR LAeq1h Volumes

PROJECT/CONTRACT:

Huntington Beach First Christian Church

RUN:

Calibration

Roadway Name	Points Name	No.	Segment	Autos			MTrucks			HTTrucks			Buses			Motorcycles		
				V	S	V	S	V	S	V	S	V	S	V	S	V	S	
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
17th NB-1	point13	13	524	40	4	40	2	40	0	0	0	0	0	0	0	0	0	
	point12	12	524	40	4	40	2	40	0	0	0	0	0	0	0	0	0	
	point11	11																
Main NB-1	point48	48	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
	point47	47	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
	point46	46	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
	point45	45	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
	point44	44	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
	point43	43	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
	point42	42	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
	point41	41	278	40	14	40	2	40	0	0	0	0	0	0	0	0	0	
Adams WB-2	point40	40																
	point106	106	141	25	5	25	1	25	0	0	0	0	0	0	0	0	0	
	point33	33	141	25	5	25	1	25	0	0	0	0	0	0	0	0	0	
	point32	32	141	25	5	25	1	25	0	0	0	0	0	0	0	0	0	
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	point30	30	141	25	5	25	1	25	0	0	0	0	0	0	0	0	0	
17th SB-2	point29	29																
	point111	111	442	40	16	40	4	40	0	0	0	0	0	0	0	0	0	
	point14	4	442	40	16	40	4	40	0	0	0	0	0	0	0	0	0	
	point3	3	442	40	16	40	4	40	0	0	0	0	0	0	0	0	0	
	point2	2	442	40	16	40	4	40	0	0	0	0	0	0	0	0	0	

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INPUT: TRAFFIC FOR LAeq1h Volumes

	point1	1	141	25		5	25	1	25	0	0	0	0
Adams EB-2	point113	113	141	25		5	25	1	25	0	0	0	0
	point107	107	141	25		5	25	1	25	0	0	0	0
	point21	21	141	25		5	25	1	25	0	0	0	0
	point20	20	141	25		5	25	1	25	0	0	0	0
	point19	19	141	25		5	25	1	25	0	0	0	0
	point18	18											
Main SB-2	point115	115	194	40		6	40	0	0	0	0	0	0
	point57	57	194	40		6	40	0	0	0	0	0	0
	point56	56	194	40		6	40	0	0	0	0	0	0
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	point54	54	194	40		6	40	0	0	0	0	0	0
	point53	53	194	40		6	40	0	0	0	0	0	0
	point52	52	194	40		6	40	0	0	0	0	0	0
	point51	51	194	40		6	40	0	0	0	0	0	0
	point50	50	194	40		6	40	0	0	0	0	0	0
	point49	49											

Huntington Beach First Christian Church

INPUT: RECEIVERS Huntington Beach First Christian Church

Kimley-Horn and Associates, Inc.
 S. Shirayama
 8 February 2007
 TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: Huntington Beach First Christian Church
RUN: Calibration

Receiver Name	No.	#DJs	Coordinates (ground)			Z	Height above Ground	Input Sound Levels and Criteria		Active in Calc.	
			X	Y				Impact Criteria LAeq1h	Sub'l		NR Goal
			ft	ft	ft	ft	dBA	dBA	dB		
ML3	1	1	466.0	-98.6	0.00	4.92	0.00	66	10.0	8.0	Y
ML4	2	1	588.6	-598.8	0.00	4.92	0.00	66	10.0	8.0	Y
ML1	3	1	891.8	-119.3	0.00	4.92	0.00	66	10.0	8.0	Y
ML2	4	1	1,350.7	-719.8	0.00	4.92	0.00	66	10.0	8.0	Y

INPUT: ROADWAYS

INPUT: ROADWAYS		Huntington Beach First Christian Church											
Kimley-Horn and Associates, Inc.		8 February 2007											
S. Shirayama		TNM 2.5											
INPUT: ROADWAYS		Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA											
PROJECT/CONTRACT:	Huntington Beach First Christian Church												
RUN:	Future 2030												
Roadway Name	Width	Points Name	No.	Coordinates (pavement)	X	Y	Z	Flow Control	Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft				ft	ft	ft			mph	%		
17th NB-1	25.0	point13	13	-378.2	-1,141.6	0.00	0.00					Average	
		point12	12	185.8	-502.2	0.00	0.00					Average	
		point11	11	636.1	10.0	0.00	0.00					Average	
Main NB-1	12.0	point48	48	1,425.5	-1,347.6	0.00	0.00					Average	
		point47	47	1,369.3	-1,174.4	0.00	0.00					Average	
		point46	46	1,322.7	-1,019.6	0.00	0.00					Average	
		point45	45	1,314.8	-973.4	0.00	0.00					Average	
		point44	44	1,308.6	-910.2	0.00	0.00					Average	
		point43	43	1,312.1	-831.9	0.00	0.00					Average	
		point42	42	1,323.5	-760.9	0.00	0.00					Average	
		point41	41	1,326.7	-718.9	0.00	0.00					Average	
		point40	40	1,326.3	-472.8	0.00	0.00					Average	
Adams WB-2	12.0	point106	106	1,412.6	-396.2	0.00	0.00	Signal	0.00		65	Average	
		point33	33	1,362.0	-396.5	0.00	0.00					Average	
		point32	32	1,326.2	-396.3	0.00	0.00					Average	
		point31	31	1,264.7	-396.0	0.00	0.00					Average	
		point30	30	1,192.3	-395.7	0.00	0.00					Average	
		point29	29	698.9	29.4	0.00	0.00					Average	
17th SB-2	25.0	point111	111	669.0	86.9	0.00	0.00	Stop	0.00		100	Average	
		point4	4	649.4	64.5	0.00	0.00					Average	
		point3	3	637.4	50.7	0.00	0.00					Average	
		point2	2	208.2	-436.3	0.00	0.00					Average	
		point1	1	-394.7	-1,120.4	0.00	0.00					Average	
Adams EB-2	12.0	point113	113	604.4	83.8	0.00	0.00	Stop	0.00		100	Average	
		point107	107	637.4	50.7	0.00	0.00					Average	

K:109452000\TNM\COPY of Future 2030

INPUT: ROADWAYS

Huntington Beach First Christian Church									
	point21	21	656.2	31.8	0.00				Average
	point20	20	680.9	7.1	0.00				Average
	point19	19	1,164.7	-410.8	0.00				Average
	point18	18	1,212.8	-414.7	0.00				
Main SB-2	point115	115	1,264.3	-325.3	0.00	Signal	0.00	35	Average
	point57	57	1,264.3	-375.4	0.00				Average
	point56	56	1,264.7	-396.0	0.00				Average
	point55	55	1,265.0	-414.7	0.00				Average
	point54	54	1,266.5	-494.2	0.00				Average
	point53	53	1,266.5	-745.8	0.00				Average
	point52	52	1,266.5	-764.4	0.00				Average
	point51	51	1,266.5	-828.4	0.00				Average
	point50	50	1,278.6	-933.6	0.00				Average
	point49	49	1,410.8	-1,349.0	0.00				Average

INPUT: TRAFFIC FOR LAeq1h Volumes

Kimley-Horn and Associates, Inc.
S.Shirayama

8 February 2007
TNM 2.5

Huntington Beach First Christian Church

INPUT: TRAFFIC FOR LAeq1h Volumes

PROJECT/CONTRACT:

Huntington Beach First Christian Church

Future 2030

Roadway Name	Points	No.	Segment	Autos		MTrucks		HTricks		Buses		Motorcycles		
				V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
17th NB-1	point13	13	560	40	12	40	6	40	0	0	0	0	0	0
	point12	12	560	40	12	40	6	40	0	0	0	0	0	0
	point11	11												
Main NB-1	point48	48	487	40	21	40	5	40	0	0	0	0	0	0
	point47	47	487	40	21	40	5	40	0	0	0	0	0	0
	point46	46	487	40	21	40	5	40	0	0	0	0	0	0
	point45	45	487	40	21	40	5	40	0	0	0	0	0	0
	point44	44	487	40	21	40	5	40	0	0	0	0	0	0
	point43	43	487	40	21	40	5	40	0	0	0	0	0	0
	point42	42	487	40	21	40	5	40	0	0	0	0	0	0
Adams WB-2	point41	41	487	40	21	40	5	40	0	0	0	0	0	0
	point40	40												
	point106	106	295	25	9	25	3	25	0	0	0	0	0	0
	point33	33	295	25	9	25	3	25	0	0	0	0	0	0
17th SB-2	point32	32	295	25	9	25	3	25	0	0	0	0	0	0
	point31	31	295	25	9	25	3	25	0	0	0	0	0	0
	point30	30	295	25	9	25	3	25	0	0	0	0	0	0
	point29	29												
point111	point111	111	560	40	12	40	6	40	0	0	0	0	0	0
	point4	4	560	40	12	40	6	40	0	0	0	0	0	0
	point3	3	560	40	12	40	6	40	0	0	0	0	0	0
point2	2	560	40	12	40	6	40	0	0	0	0	0	0	

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INPUT: TRAFFIC FOR LAeq1h Volumes

		Huntington Beach First Christian Church									
	point1	1									
Adams EB-2	point113	113	295	25	9	25	3	25	0	0	0
	point107	107	295	25	9	25	3	25	0	0	0
	point21	21	295	25	9	25	3	25	0	0	0
	point20	20	295	25	9	25	3	25	0	0	0
	point19	19	295	25	9	25	3	25	0	0	0
	point18	18									
Main SB-2	point115	115	487	40	21	40	5	40	0	0	0
	point57	57	487	40	21	40	5	40	0	0	0
	point56	56	487	40	21	40	5	40	0	0	0
	point55	55	487	40	21	40	5	40	0	0	0
	point54	54	487	40	21	40	5	40	0	0	0
	point53	53	487	40	21	40	5	40	0	0	0
	point52	52	487	40	21	40	5	40	0	0	0
	point51	51	487	40	21	40	5	40	0	0	0
	point50	50	487	40	21	40	5	40	0	0	0
	point49	49									

INPUT: RECEIVERS Huntington Beach First Christian Church

Kimley-Horn and Associates, Inc.
 S. Shirayama
 8 February 2007
 TNM 2.5

INPUT: RECEIVERS

PROJECT/CONTRACT: Huntington Beach First Christian Church

RUN: Future 2030

Receiver Name	No.	#DUs	Coordinates (ground)			Z	Height above Ground	Input Sound Levels and Criteria		Active in Calc.	
			X	Y	ft			ft	Existing LAeq1h		Impact Criteria LAeq1h
E of Bldg C	6	1	1,094.9	-644.5	0.00	4.92	0.00	66	10.0	8.0	Y
E of Bldg D	7	1	1,206.5	-597.0	0.00	4.92	0.00	66	10.0	8.0	Y
N of Bldg E	8	1	1,140.9	-433.7	0.00	4.92	0.00	66	10.0	8.0	Y
N of Bldg A	9	1	934.5	-356.4	0.00	4.92	0.00	66	10.0	8.0	Y
#8 W of Bldg B - 1	10	1	747.3	-553.0	0.00	4.92	0.00	66	10.0	8.0	Y
#8 W of Bldg B - 2	11	1	711.2	-490.0	0.00	4.92	0.00	66	10.0	8.0	Y
#8 W of Bldg B - 3	12	1	725.4	-482.3	0.00	4.92	0.00	66	10.0	8.0	Y
#8 W of Bldg B - 4	13	1	766.8	-517.8	0.00	4.92	0.00	66	10.0	8.0	Y
#8 BTW Bldg B & C - 1	14	1	935.3	-581.7	0.00	4.92	0.00	66	10.0	8.0	Y
#8 BTW Bldg B & C - 2	15	1	923.3	-618.5	0.00	4.92	0.00	66	10.0	8.0	Y
#8 BTW Bldg B & C - 3	16	1	943.8	-548.7	0.00	4.92	0.00	66	10.0	8.0	Y
#3 - 1	17	1	1,039.0	-522.4	0.00	4.92	0.00	66	10.0	8.0	Y
#3 - 2	18	1	1,012.2	-500.7	0.00	4.92	0.00	66	10.0	8.0	Y
#3 - 3	19	1	1,025.6	-466.6	0.00	4.92	0.00	66	10.0	8.0	Y
#3 - 4	20	1	976.6	-497.1	0.00	4.92	0.00	66	10.0	8.0	Y
#4	21	1	968.3	-449.4	0.00	4.92	0.00	66	10.0	8.0	Y
#5	22	1	926.4	-382.7	0.00	4.92	0.00	66	10.0	8.0	Y

ATTACHMENT NO. 7.30

INPUT: BARRIERS

Huntington Beach First Christian Church

Barrier Name		Type	Height	Max	If Wall	If Berm	Run:Rise	Add'l	Coordinates (bottom)			Height		Segment		Important Reflec-tions ?
		Min	ft	\$ per Unit	Area Vol.	Top Width	ft:ft	Length \$/ft	X	Y	Z	at Point	Incre- #Up	#Dn	Struct?	
Building A		W	0.00	99.99	0.00			0.00								
									1	776.5	-325.3	0.00	33.00	0.00	0	0
									2	802.2	-319.8	0.00	33.00	0.00	0	0
									3	804.8	-331.6	0.00	33.00	0.00	0	0
									4	837.1	-324.1	0.00	33.00	0.00	0	0
									5	880.6	-339.1	0.00	33.00	0.00	0	0
									6	910.5	-376.2	0.00	33.00	0.00	0	0
									7	891.8	-390.9	0.00	33.00	0.00	0	0
									8	899.1	-400.1	0.00	33.00	0.00	0	0
									9	893.8	-409.8	0.00	33.00	0.00	0	0
									10	916.2	-422.3	0.00	33.00	0.00	0	0
									11	923.3	-426.3	0.00	33.00	0.00	0	0
									12	928.5	-417.3	0.00	33.00	0.00	0	0
									13	964.4	-437.4	0.00	33.00	0.00	0	0
									14	963.9	-438.4	0.00	33.00	0.00	0	0
									15	959.6	-435.9	0.00	33.00	0.00	0	0
									16	926.9	-493.0	0.00	33.00	0.00	0	0
									17	923.1	-494.7	0.00	33.00	0.00	0	0
									18	924.9	-498.2	0.00	33.00	0.00	0	0
									19	893.1	-511.6	0.00	33.00	0.00	0	0
									20	882.2	-483.9	0.00	33.00	0.00	0	0
									21	885.3	-476.8	0.00	33.00	0.00	0	0
									22	878.4	-458.4	0.00	33.00	0.00	0	0
									23	828.3	-479.1	0.00	33.00	0.00	0	0
									24	826.8	-475.4	0.00	33.00	0.00	0	0
									25	814.3	-480.5	0.00	33.00	0.00	0	0
									26	815.9	-484.3	0.00	33.00	0.00	0	0
									27	815.2	-484.3	0.00	33.00	0.00	0	0
									28	817.6	-489.8	0.00	33.00	0.00	0	0
									29	816.1	-494.1	0.00	33.00	0.00	0	0
									30	806.7	-499.4	0.00	33.00	0.00	0	0
									31	796.7	-495.9	0.00	33.00	0.00	0	0
									32	792.5	-486.0	0.00	33.00	0.00	0	0
									33	793.9	-481.7	0.00	33.00	0.00	0	0
									34	799.2	-478.8	0.00	33.00	0.00	0	0
									35	798.7	-478.3	0.00	33.00	0.00	0	0

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8 February 2007

INPUT: BARRIERS

Huntington Beach First Christian Church																	
									point136	138	961.2	-565.2	0.00	28.00	0.00	0	0
									point137	137	958.6	-564.5	0.00	28.00	0.00	0	0
									point138	138	963.6	-548.5	0.00	28.00			
									point139	139	992.7	-523.9	0.00	16.00	0.00	0	0
									point140	140	1,008.4	-533.5	0.00	16.00	0.00	0	0
									point141	141	1,031.9	-550.9	0.00	16.00	0.00	0	0
									point142	142	1,048.5	-565.7	0.00	16.00	0.00	0	0
									point143	143	1,080.1	-577.7	0.00	16.00	0.00	0	0
									point144	144	1,063.1	-581.1	0.00	16.00			
									point145	145	1,081.1	-566.9	0.00	42.00	0.00	0	0
									point146	146	1,089.6	-542.8	0.00	42.00	0.00	0	0
									point147	147	1,101.0	-546.8	0.00	42.00	0.00	0	0
									point148	148	1,106.1	-532.4	0.00	42.00	0.00	0	0
									point149	149	1,126.1	-539.5	0.00	42.00	0.00	0	0
									point150	150	1,125.1	-542.3	0.00	42.00	0.00	0	0
									point151	151	1,137.6	-546.7	0.00	42.00	0.00	0	0
									point152	152	1,138.6	-543.9	0.00	42.00	0.00	0	0
									point153	153	1,140.0	-544.4	0.00	42.00	0.00	0	0
									point154	154	1,139.0	-547.2	0.00	42.00	0.00	0	0
									point155	155	1,151.9	-551.8	0.00	42.00	0.00	0	0
									point156	156	1,152.9	-548.9	0.00	42.00	0.00	0	0
									point157	157	1,154.3	-549.4	0.00	42.00	0.00	0	0
									point158	158	1,153.3	-552.3	0.00	42.00	0.00	0	0
									point159	159	1,166.2	-556.8	0.00	42.00	0.00	0	0
									point160	160	1,167.2	-554.0	0.00	42.00	0.00	0	0
									point161	161	1,168.6	-554.5	0.00	42.00	0.00	0	0
									point162	162	1,167.6	-557.3	0.00	42.00	0.00	0	0
									point163	163	1,180.4	-561.8	0.00	42.00	0.00	0	0
									point164	164	1,181.4	-559.0	0.00	42.00	0.00	0	0
									point165	165	1,182.8	-559.5	0.00	42.00	0.00	0	0
									point166	166	1,181.8	-562.3	0.00	42.00	0.00	0	0
									point167	167	1,199.3	-568.5	0.00	42.00	0.00	0	0
									point168	168	1,193.2	-585.9	0.00	42.00	0.00	0	0
									point169	169	1,199.0	-588.0	0.00	42.00	0.00	0	0
									point170	170	1,194.7	-600.3	0.00	42.00	0.00	0	0
									point171	171	1,188.8	-598.2	0.00	42.00	0.00	0	0
									point172	172	1,182.7	-615.6	0.00	42.00	0.00	0	0
									point173	173	1,165.0	-609.4	0.00	42.00	0.00	0	0
									point174	174	1,164.0	-612.2	0.00	42.00	0.00	0	0
									point175	175	1,182.6	-611.7	0.00	42.00	0.00	0	0
									point176	176	1,163.6	-608.9	0.00	42.00	0.00	0	0
									point177	177	1,161.0	-608.0	0.00	42.00	0.00	0	0
									point178	178	1,157.4	-618.2	0.00	42.00	0.00	0	0
									point179	179	1,132.7	-609.5	0.00	42.00	0.00	0	0
									point180	180	1,135.3	-602.1	0.00	42.00	0.00	0	0
									point181	181	1,133.9	-601.6	0.00	42.00	0.00	0	0
									point182	182	1,134.9	-598.8	0.00	42.00	0.00	0	0
									point183	183	1,122.4	-594.4	0.00	42.00	0.00	0	0

8 February 2007

INPUT: BARRIERS

Huntington Beach First Christian Church

Building G	W	0.00	99.99	0.00	0.00	point232	232	1,038.2	-497.0	0.00	30.00						
						point233	233	978.6	-440.3	0.00	58.00	0.00	0	0			
						point234	234	1,002.6	-440.2	0.00	58.00	0.00	0	0			
						point235	235	1,002.6	-484.2	0.00	58.00	0.00	0	0			
						point236	236	978.6	-484.3	0.00	58.00	0.00	0	0			
						point237	237	978.6	-440.3	0.00	58.00						
Parking Structure	W	0.00	99.99	0.00	0.00	point238	238	350.9	-376.2	0.00	24.00	0.00	0	0			
						point239	239	438.5	-277.5	0.00	24.00	0.00	0	0			
						point240	240	667.5	-480.6	0.00	24.00	0.00	0	0			
						point241	241	579.8	-579.4	0.00	24.00	0.00	0	0			
						point242	242	350.9	-376.2	0.00	24.00	0.00	0	0			
6foot wall 1	W	0.00	99.99	0.00	0.00	point243	243	708.1	-486.8	0.00	6.00	0.00	0	0			
						point244	244	712.3	-507.3	0.00	6.00	0.00	0	0			
						point245	245	719.7	-526.9	0.00	6.00	0.00	0	0			
						point246	246	727.5	-539.9	0.00	6.00	0.00	0	0			
						point247	247	737.8	-551.1	0.00	6.00	0.00	0	0			
						point248	248	744.8	-557.3	0.00	6.00	0.00	0	0			
						point249	249	747.3	-559.1	0.00	6.00						
6foot wall 2	W	0.00	99.99	0.00	0.00	point250	250	755.7	-497.4	0.00	6.00	0.00	0	0			
						point252	252	773.8	-516.5	0.00	6.00						
6foot wall 3	W	0.00	99.99	0.00	0.00	point253	253	740.7	-487.5	0.00	6.00	0.00	0	0			
						point254	254	754.5	-502.0	0.00	6.00						
6foot wall 4	W	0.00	99.99	0.00	0.00	point255	255	725.8	-477.5	0.00	6.00	0.00	0	0			
						point256	256	739.6	-492.0	0.00	6.00						
12foot wall 1	W	0.00	99.99	0.00	0.00	point257	257	756.4	-386.4	0.00	12.00	0.00	0	0			
						point258	258	750.8	-400.5	0.00	12.00						
12foot wall 2	W	0.00	99.99	0.00	0.00	point259	259	759.7	-271.7	0.00	12.00	0.00	0	0			
						point260	260	744.3	-384.4	0.00	12.00						
12foot wall 3	W	0.00	99.99	0.00	0.00	point261	261	972.9	-403.5	0.00	12.00	0.00	0	0			
						point262	262	928.5	-385.5	0.00	12.00	0.00	0	0			
						point263	263	917.9	-360.3	0.00	12.00	0.00	0	0			
						point264	264	906.5	-370.1	0.00	12.00						

RESULTS: SOUND LEVELS

Huntington Beach First Christian Church

Kimley-Horn and Associates, Inc. S. Shirayama		8 February 2007 TNM 2.5 Calculated with TNM 2.5		Huntington Beach First Christian Church							
RESULTS: SOUND LEVELS		Huntington Beach First Christian Church		Future 2030							
PROJECT/CONTRACT:		Huntington Beach First Christian Church		Future 2030							
BARRIER DESIGN:		INPUT HEIGHTS		68 deg F, 50% RH							
ATMOSPHERICS:		68 deg F, 50% RH		68 deg F, 50% RH							
Receiver		68 deg F, 50% RH		68 deg F, 50% RH							
Name	No.	#DUs	Existing LAeq1h dBA	No Barrier LAeq1h Calculated dBA	Crit'n	Increase over existing Calculated dB	Type Impact	With Barrier Calculated LAeq1h dBA	Noise Reduction Calculated dB	Goal dB	Calculated minus Goal dB
E of Bldg C	6	1	0.0	57.7	66	57.7	10	57.7	0.0	8	-8.0
E of Bldg D	7	1	0.0	64.6	66	64.6	10	64.6	0.0	8	-8.0
N of Bldg E	8	1	0.0	65.3	66	65.3	10	65.3	0.0	8	-8.0
N of Bldg A	9	1	0.0	60.6	66	60.6	10	60.6	0.0	8	-8.0
#8 W of Bldg B - 1	10	1	0.0	49.6	66	49.6	10	49.6	0.0	8	-8.0
#8 W of Bldg B - 2	11	1	0.0	53.7	66	53.7	10	53.7	0.0	8	-8.0
#8 W of Bldg B - 3	12	1	0.0	53.9	66	53.9	10	53.9	0.0	8	-8.0
#8 W of Bldg B - 4	13	1	0.0	50.1	66	50.1	10	50.1	0.0	8	-8.0
#8 BTW Bldg B & C - 1	14	1	0.0	43.2	66	43.2	10	43.2	0.0	8	-8.0
#8 BTW Bldg B & C - 2	15	1	0.0	52.0	66	52.0	10	52.0	0.0	8	-8.0
#8 BTW Bldg B & C - 3	16	1	0.0	44.3	66	44.3	10	44.3	0.0	8	-8.0
#3 - 1	17	1	0.0	52.8	66	52.8	10	52.8	0.0	8	-8.0
#3 - 2	18	1	0.0	53.0	66	53.0	10	53.0	0.0	8	-8.0
#3 - 3	19	1	0.0	56.1	66	56.1	10	56.1	0.0	8	-8.0
#3 - 4	20	1	0.0	49.2	66	49.2	10	49.2	0.0	8	-8.0
#4	21	1	0.0	43.1	66	43.1	10	43.1	0.0	8	-8.0
#5	22	1	0.0	47.4	66	47.4	10	47.4	0.0	8	-8.0
Dwelling Units	# DUs	Noise Reduction	Min dB	Avg dB	Max dB						
All Selected	17	0.0	0.0	0.0	0.0						
All Impacted	0	0.0	0.0	0.0	0.0						
All that meet NR Goal	0	0.0	0.0	0.0	0.0						

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATTACHMENT NO. 7.37